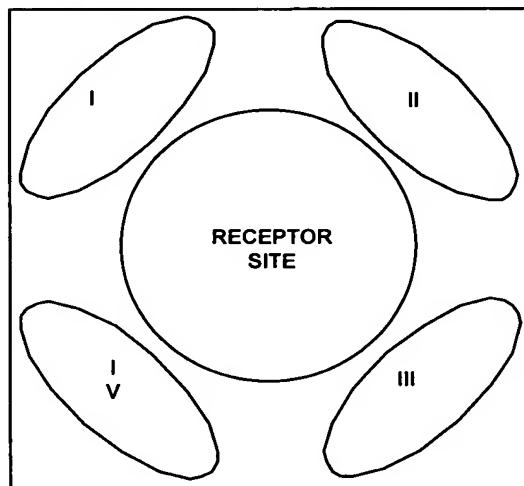


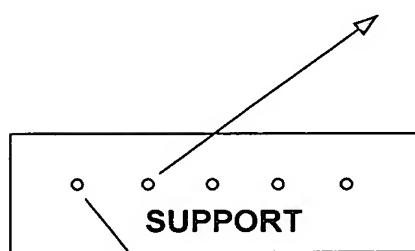
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FIG.1

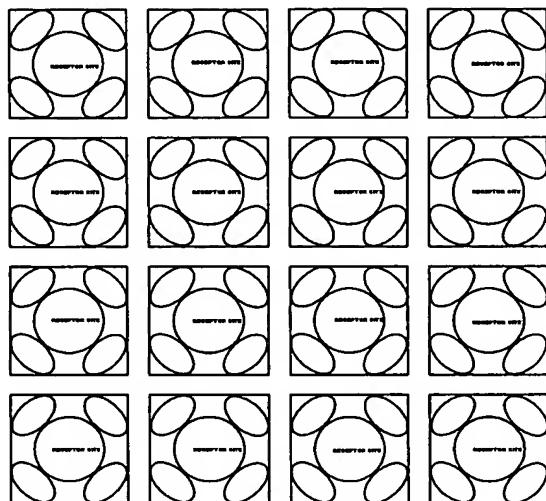
TOP VIEW



RECEPTOR
UNIT CELL



MULTIPLE *UNIT CELL* REPRESENTATION



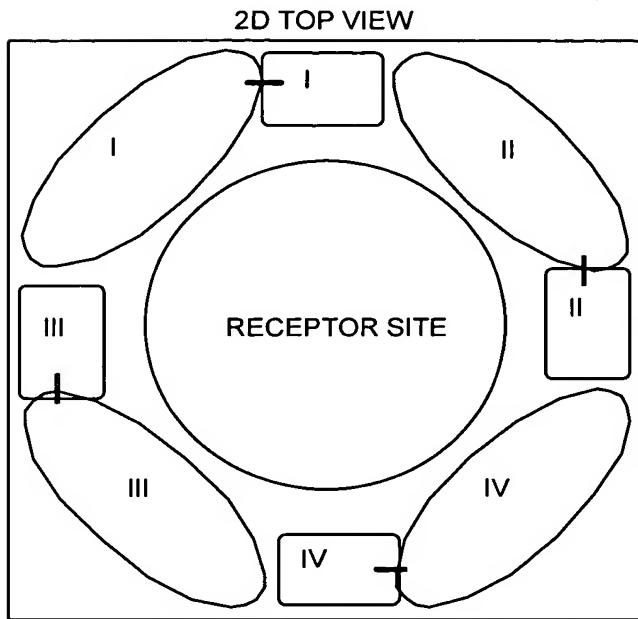


FIG.2

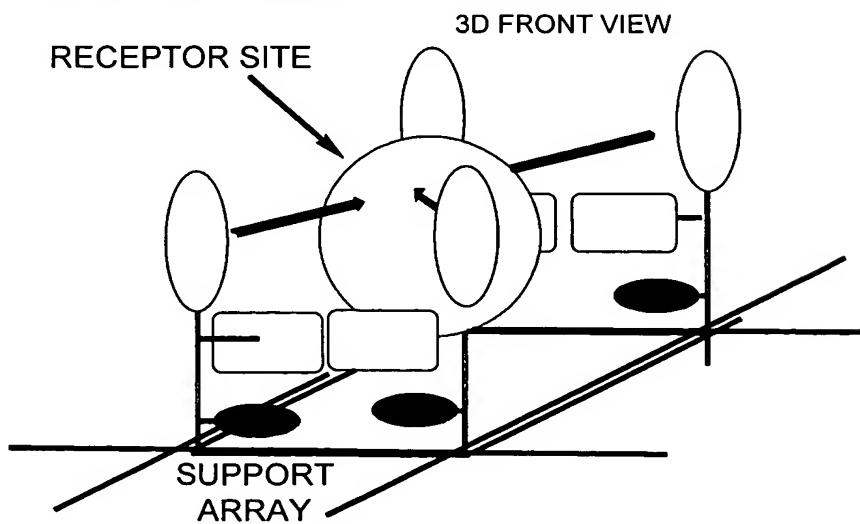
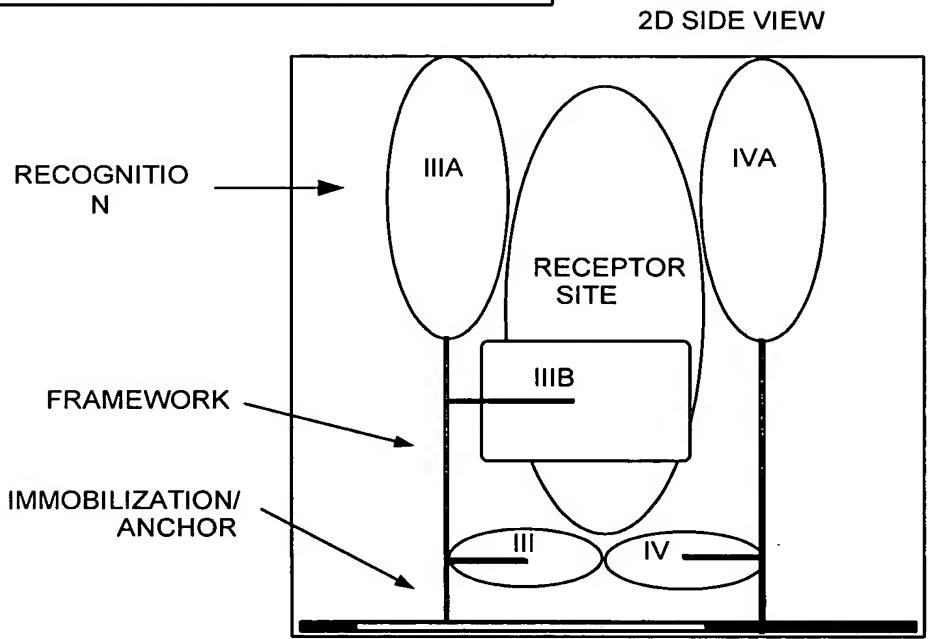


FIG.3

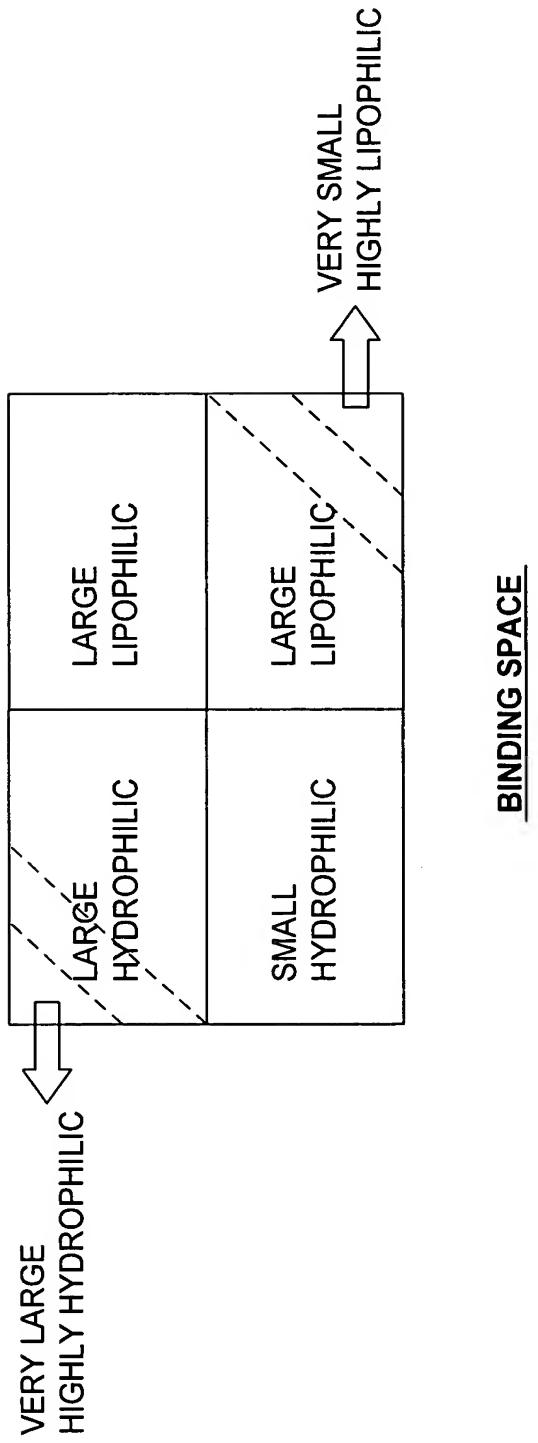


FIG.4

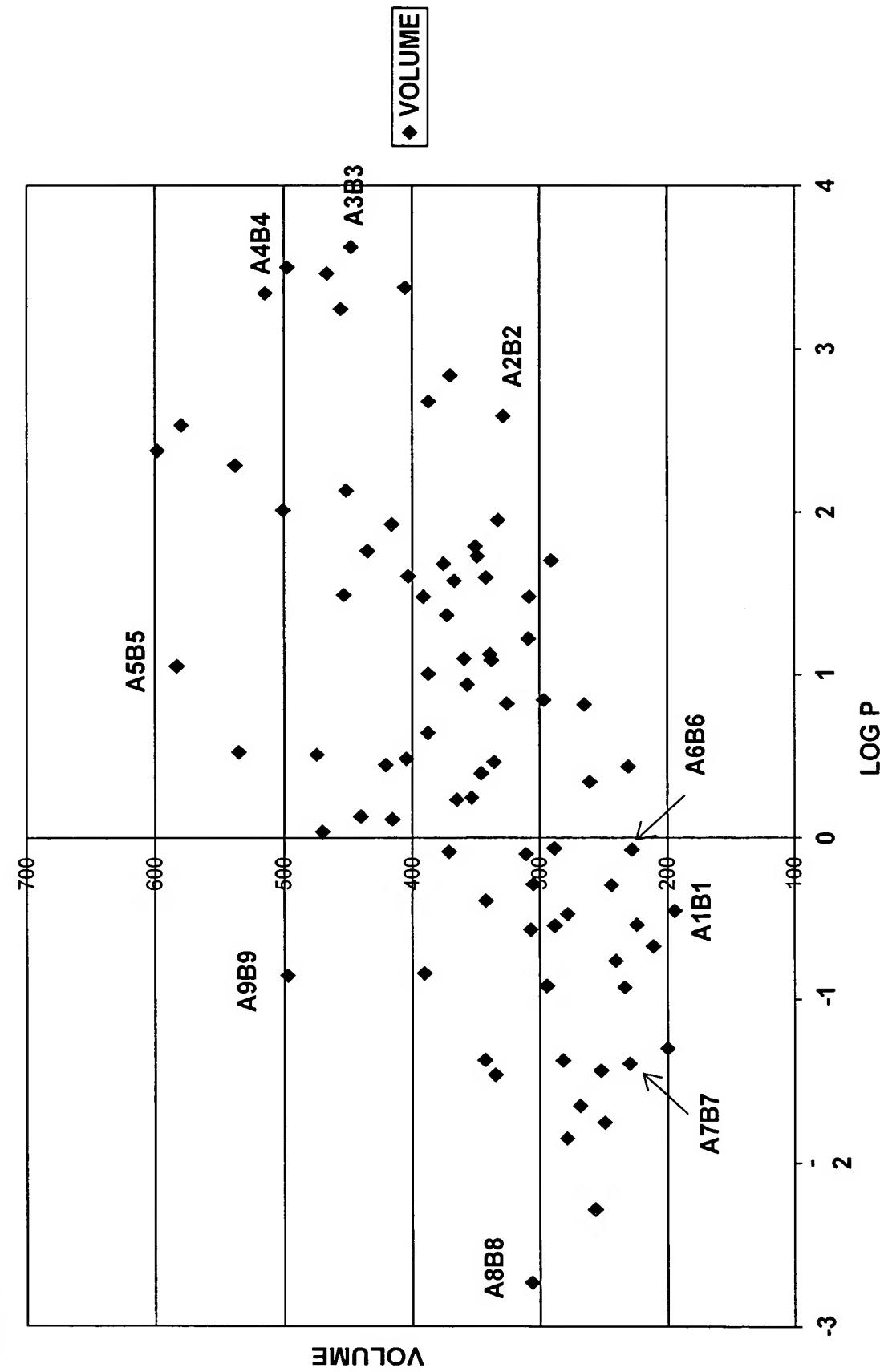


FIG.5A

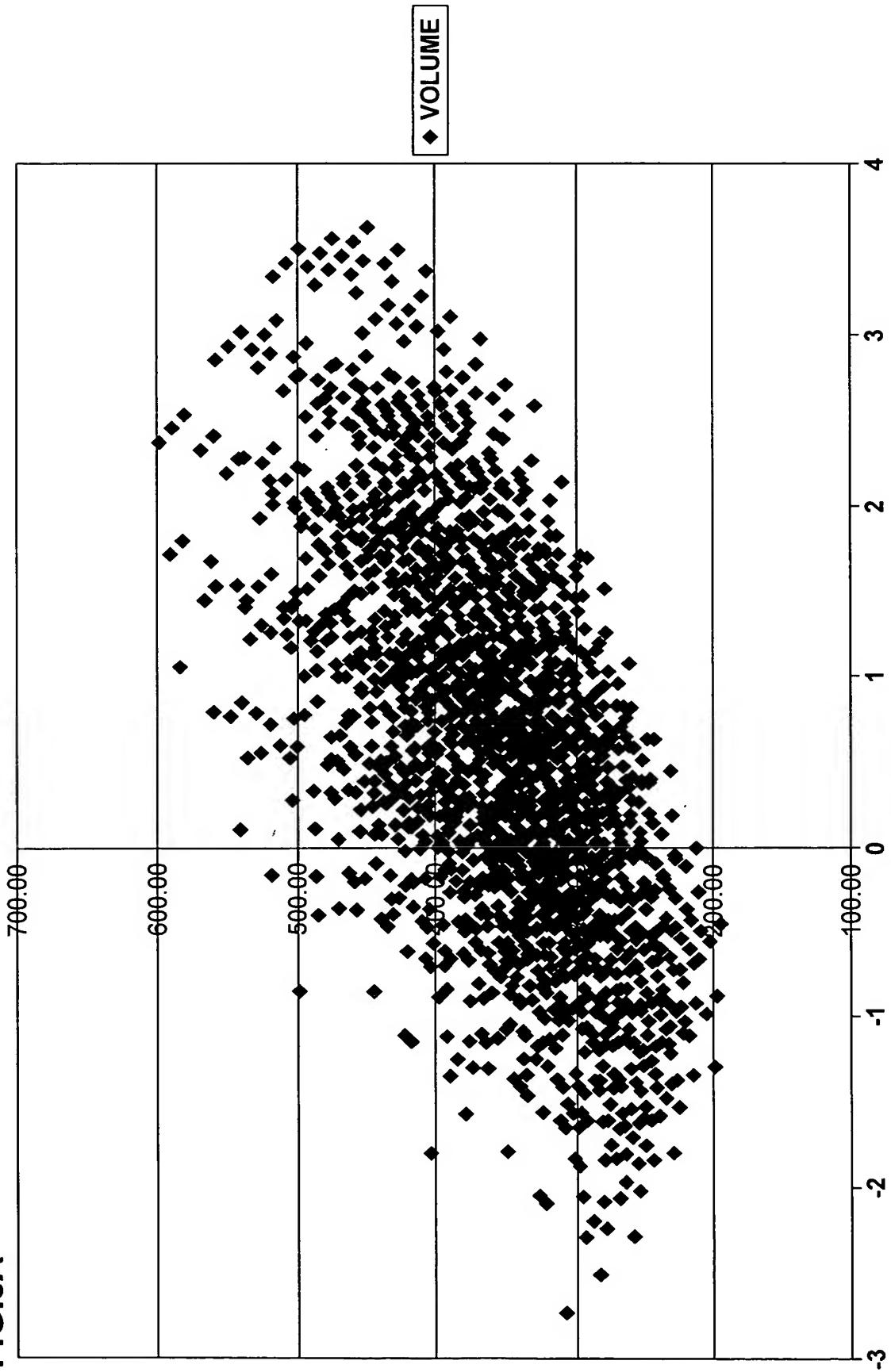
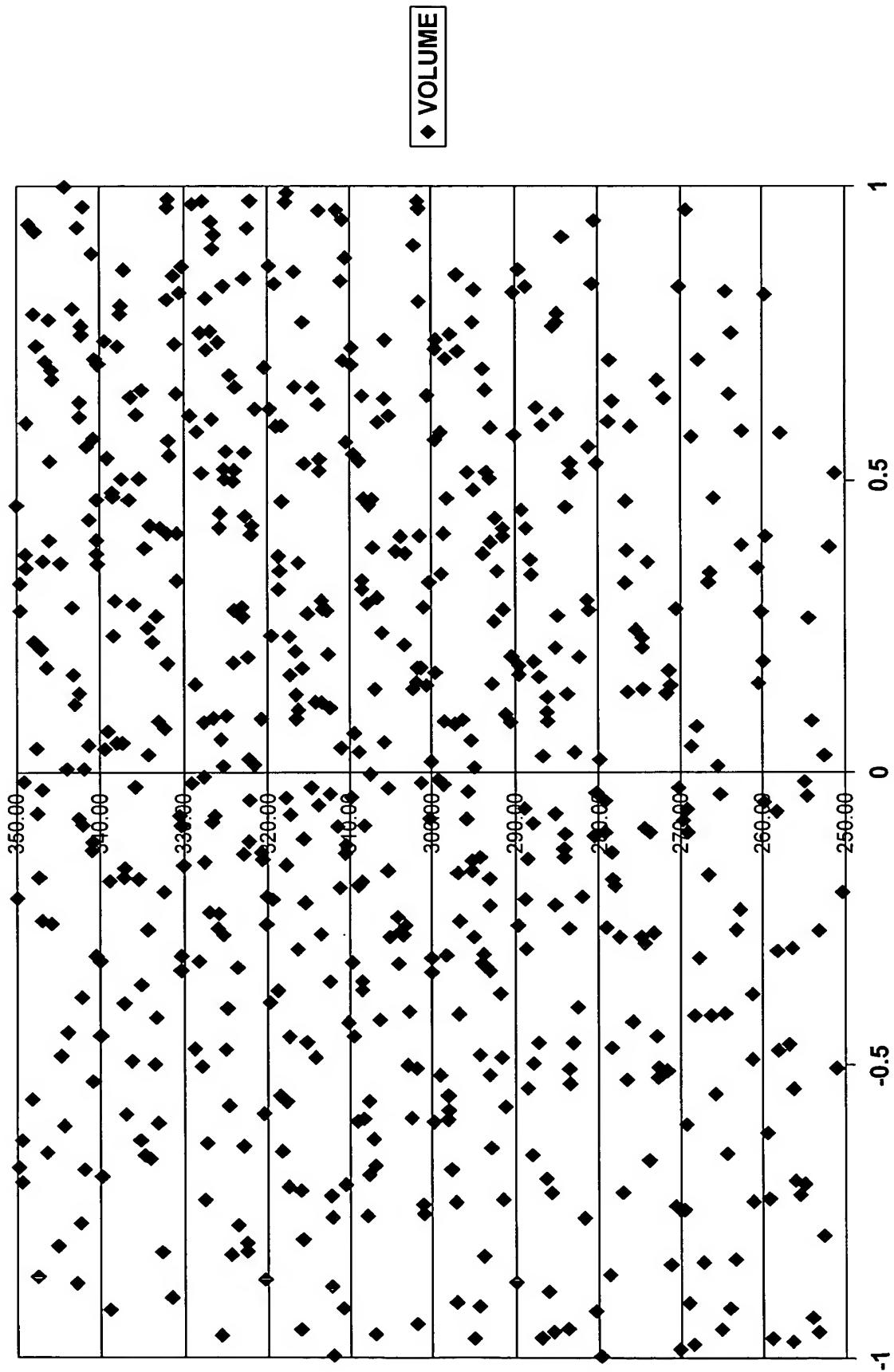


FIG. 5B



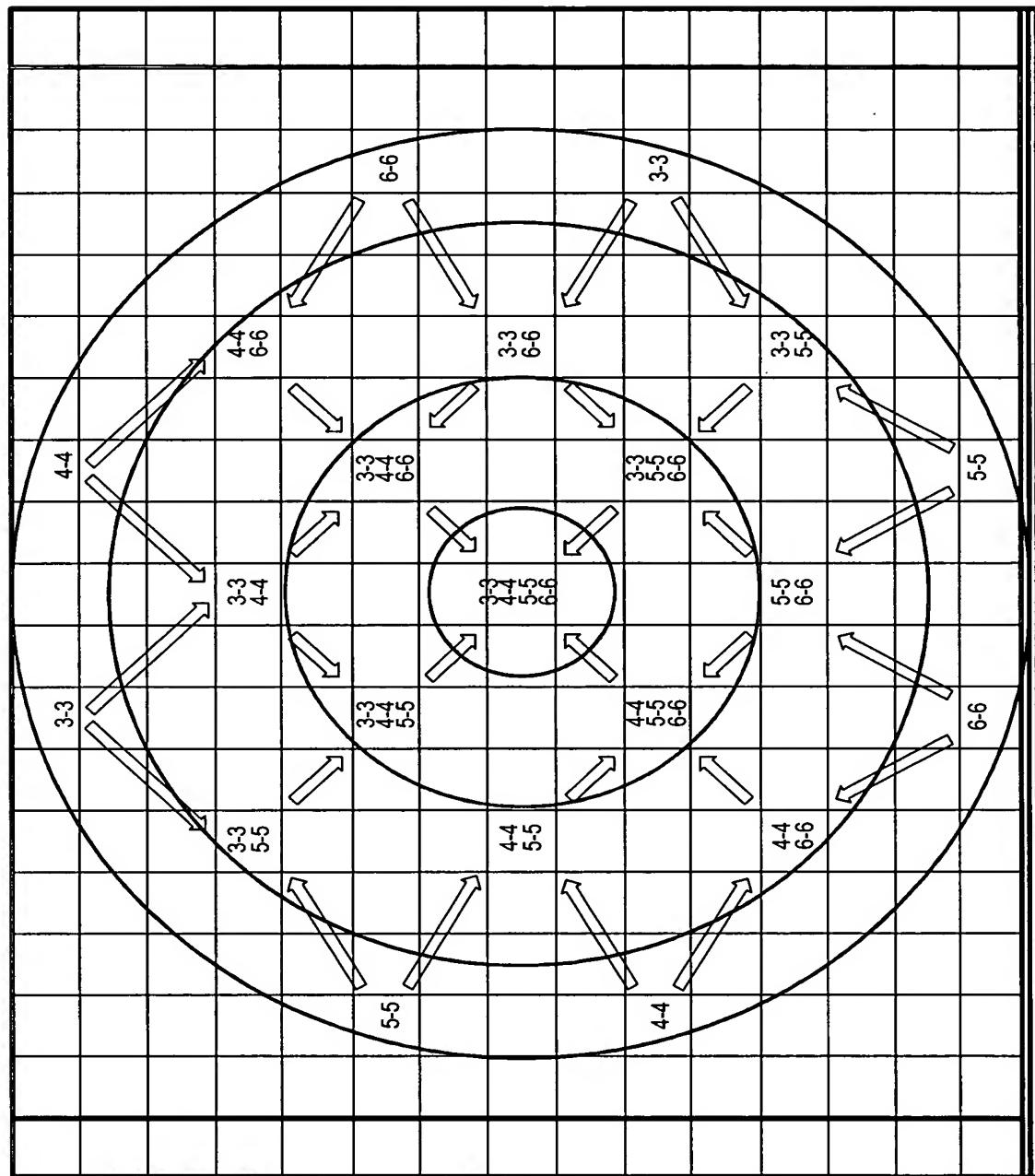


FIG.6

FIG.7A

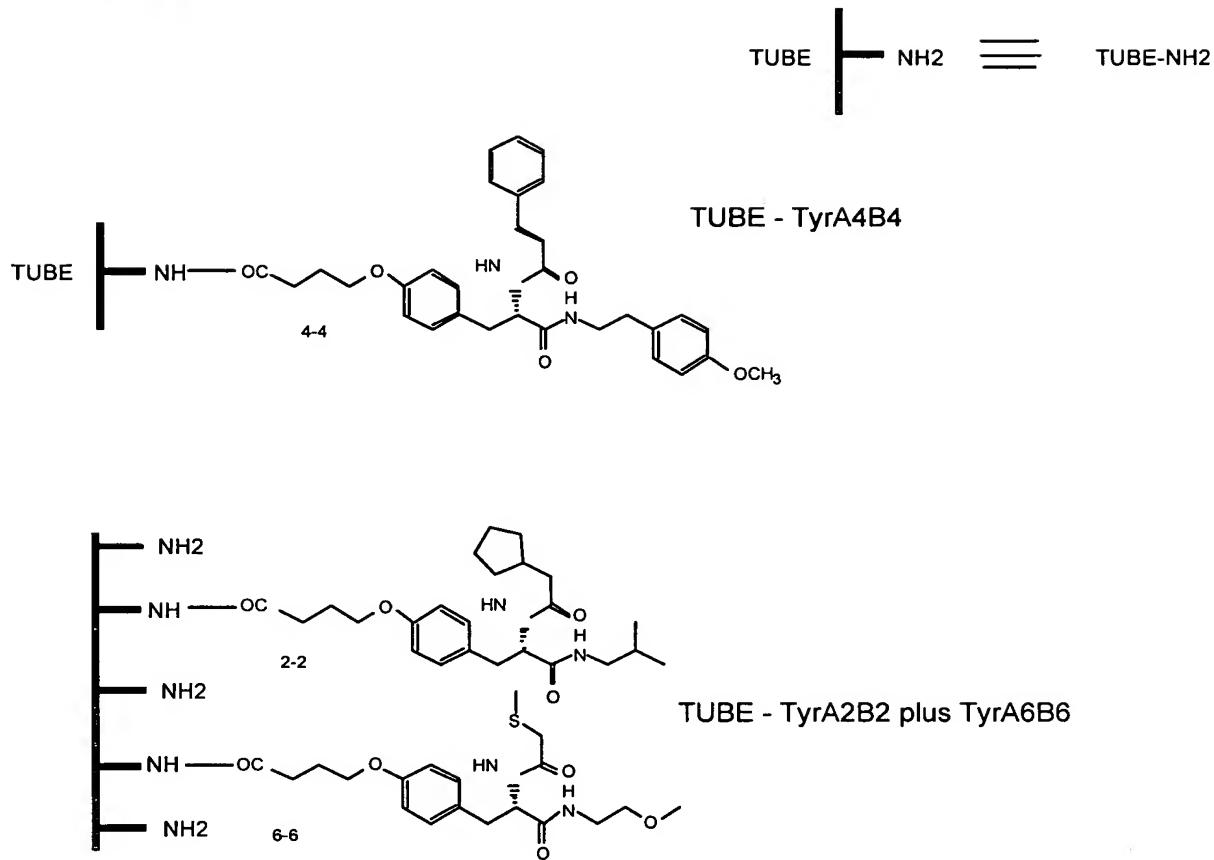


FIG.7B

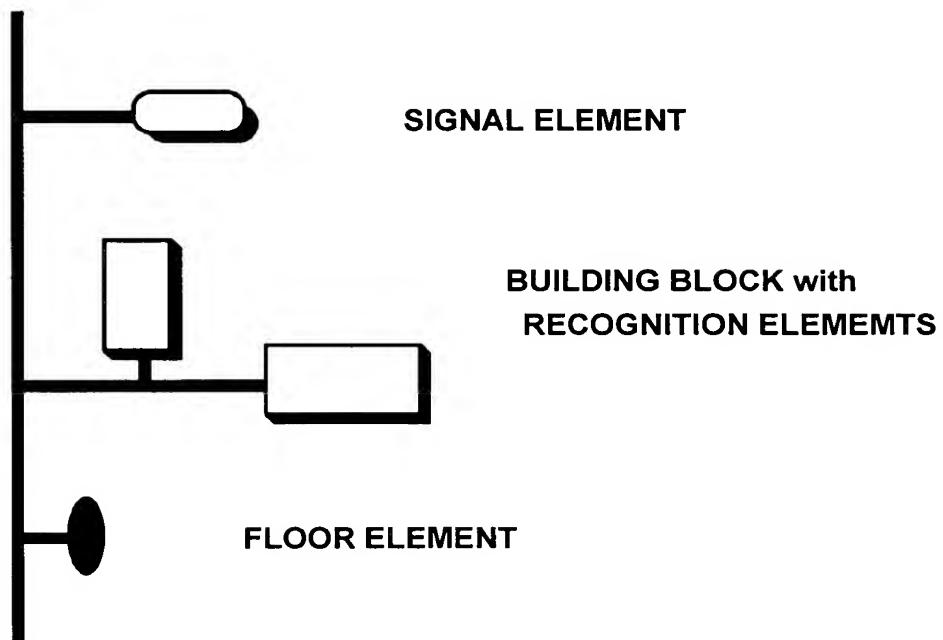


FIG.8

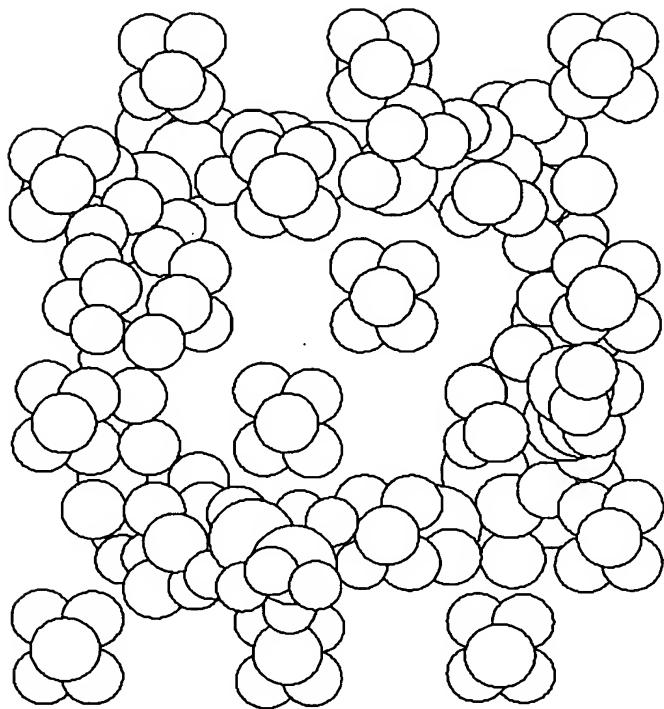


FIG.9

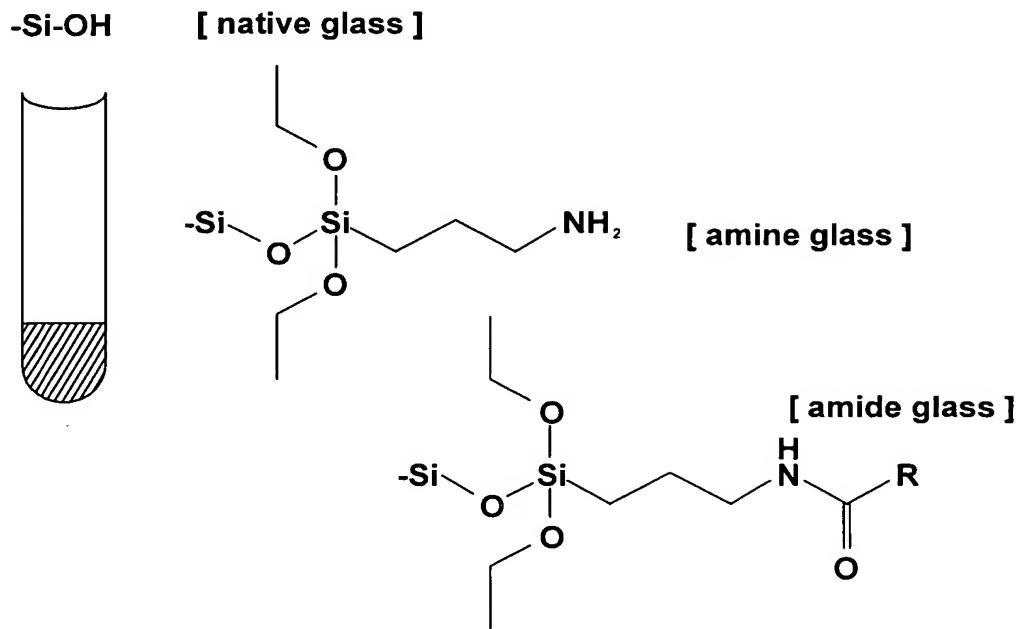


FIG.10

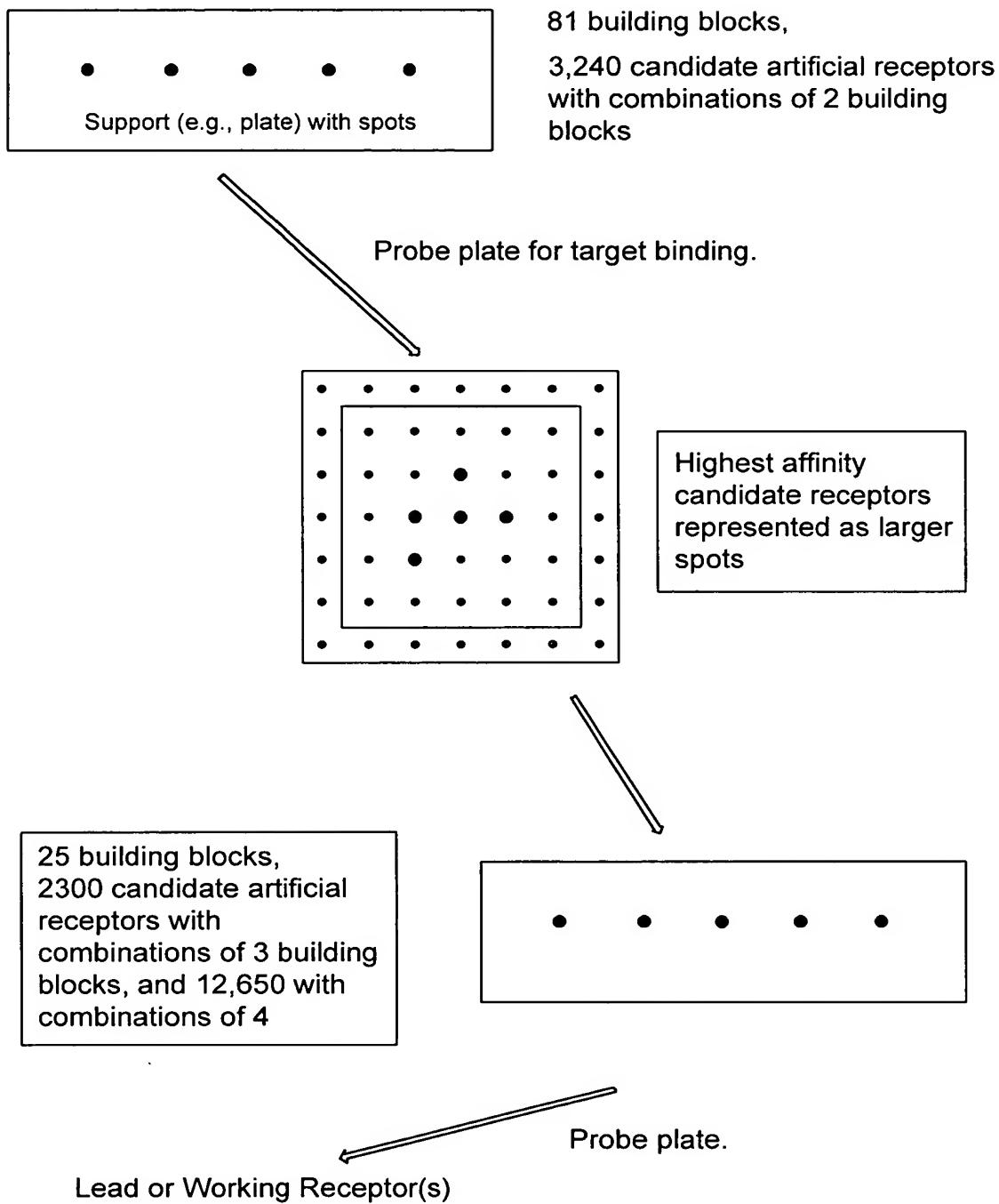
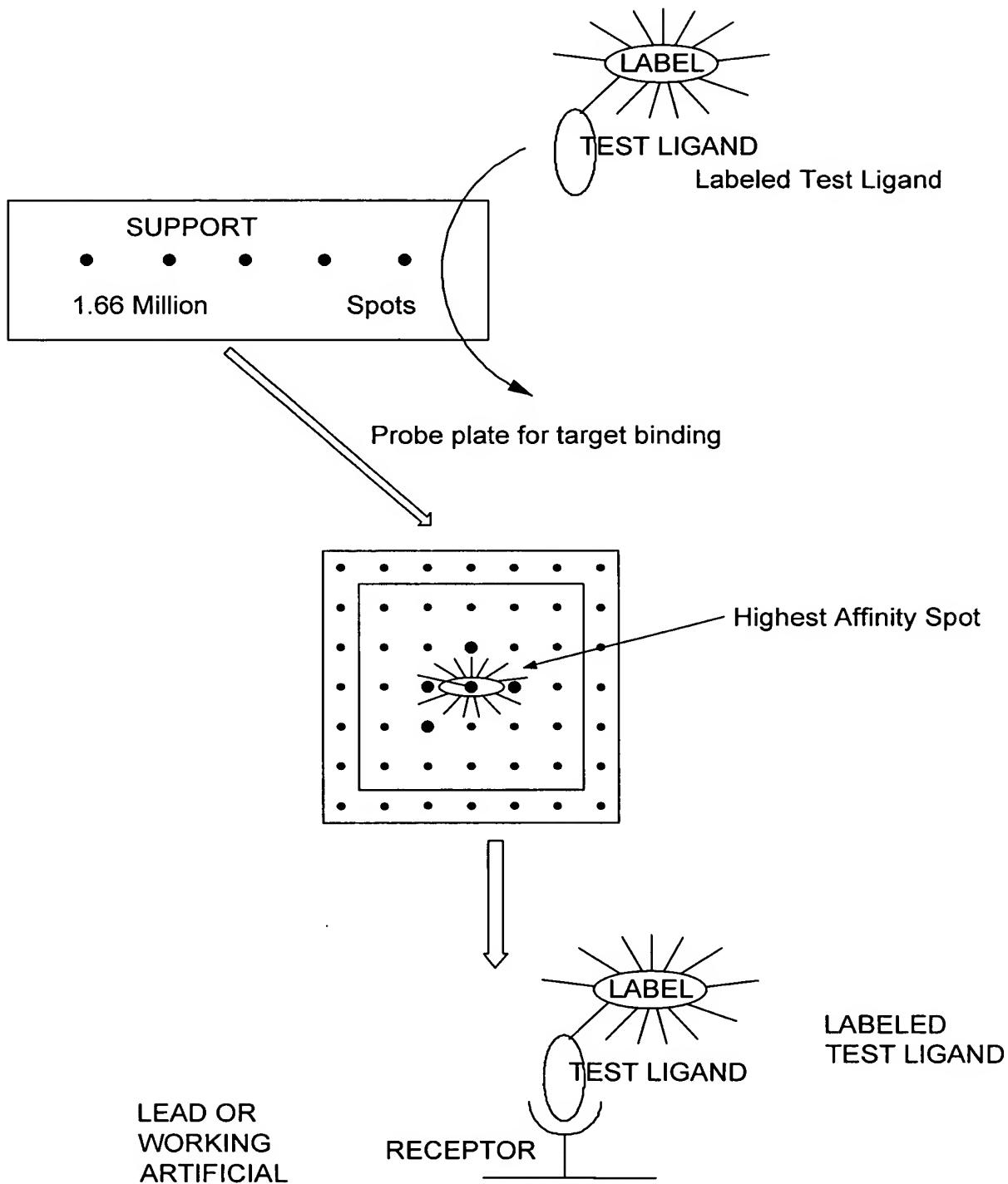


FIG.11



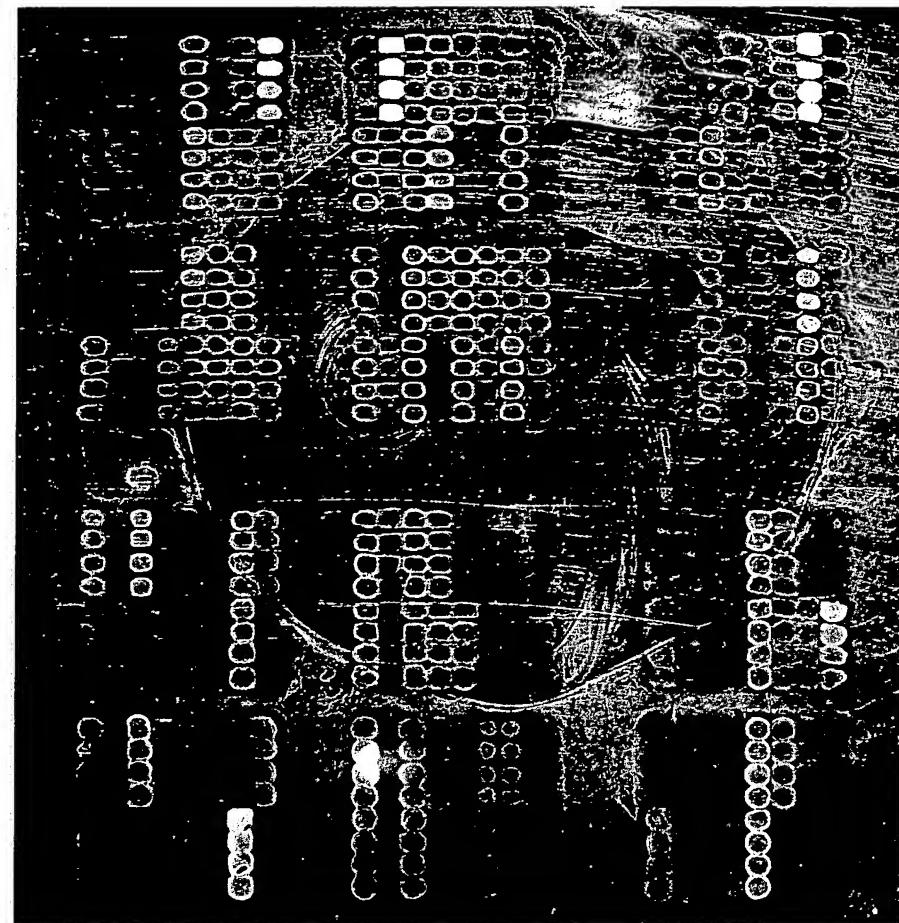


FIG. 12

Origin = 28, 140 pixels
(0.28, 1.4 mm)
Size = 2032 x 1888 pixels
(20.32 x 18.88 mm)
Scaling = 10 μ m/pixel
Scanner = GenePix 4100A 01 [92896]
No averaging.
PMT Gain = 940
Laser Power = 100%
Normalization Factor = 1
Focus Position = 0

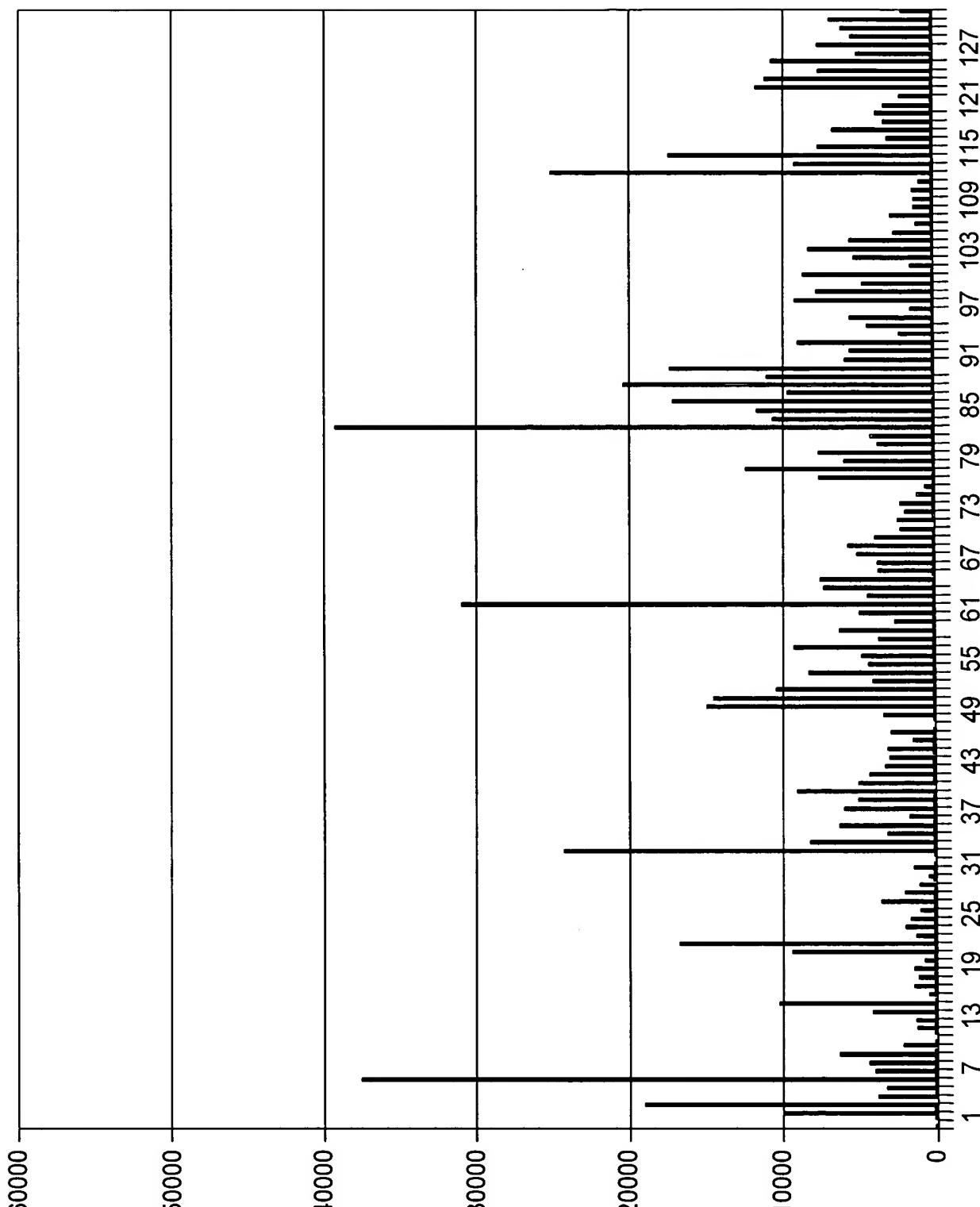
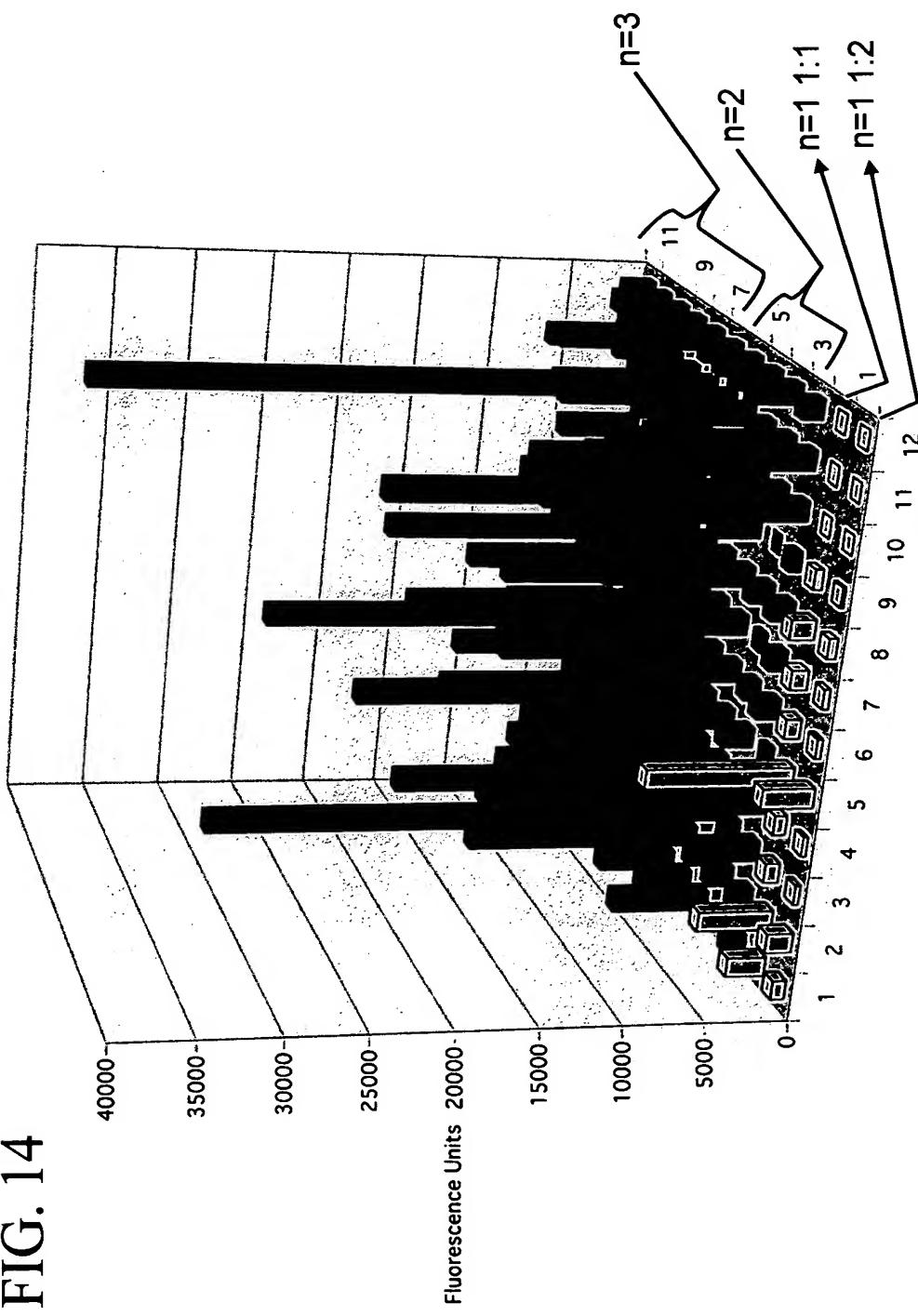
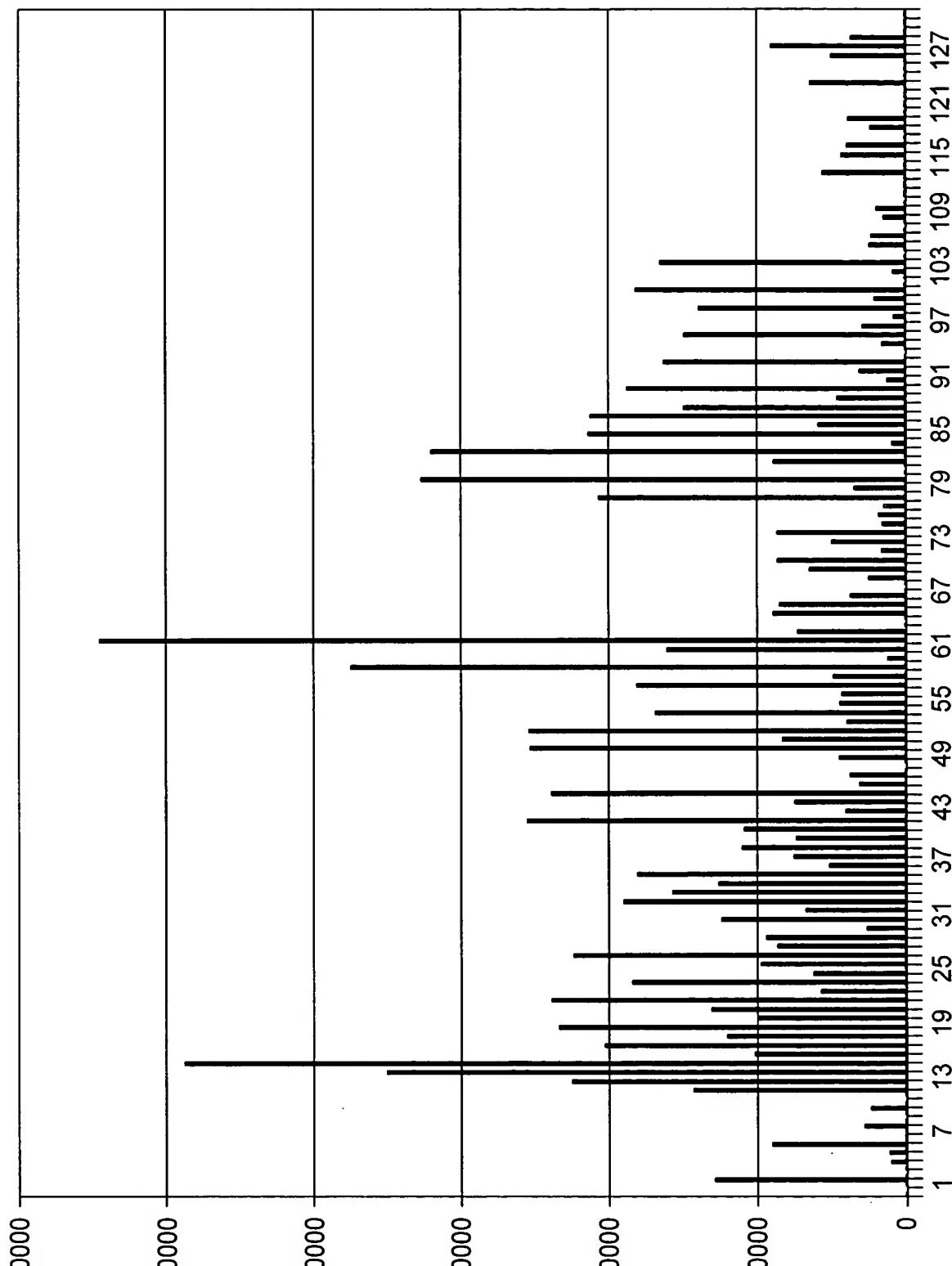
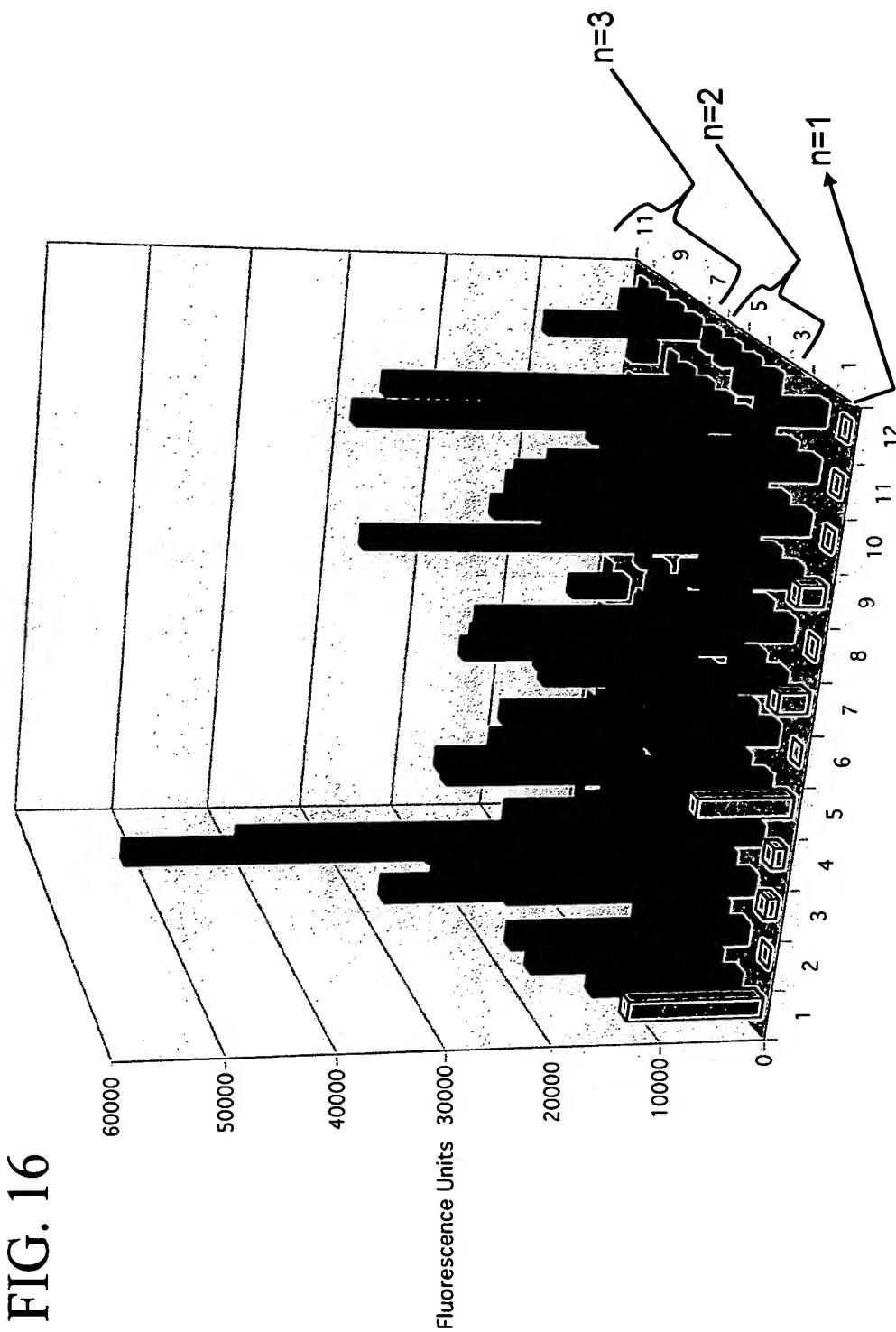


FIG.13

FIG. 14







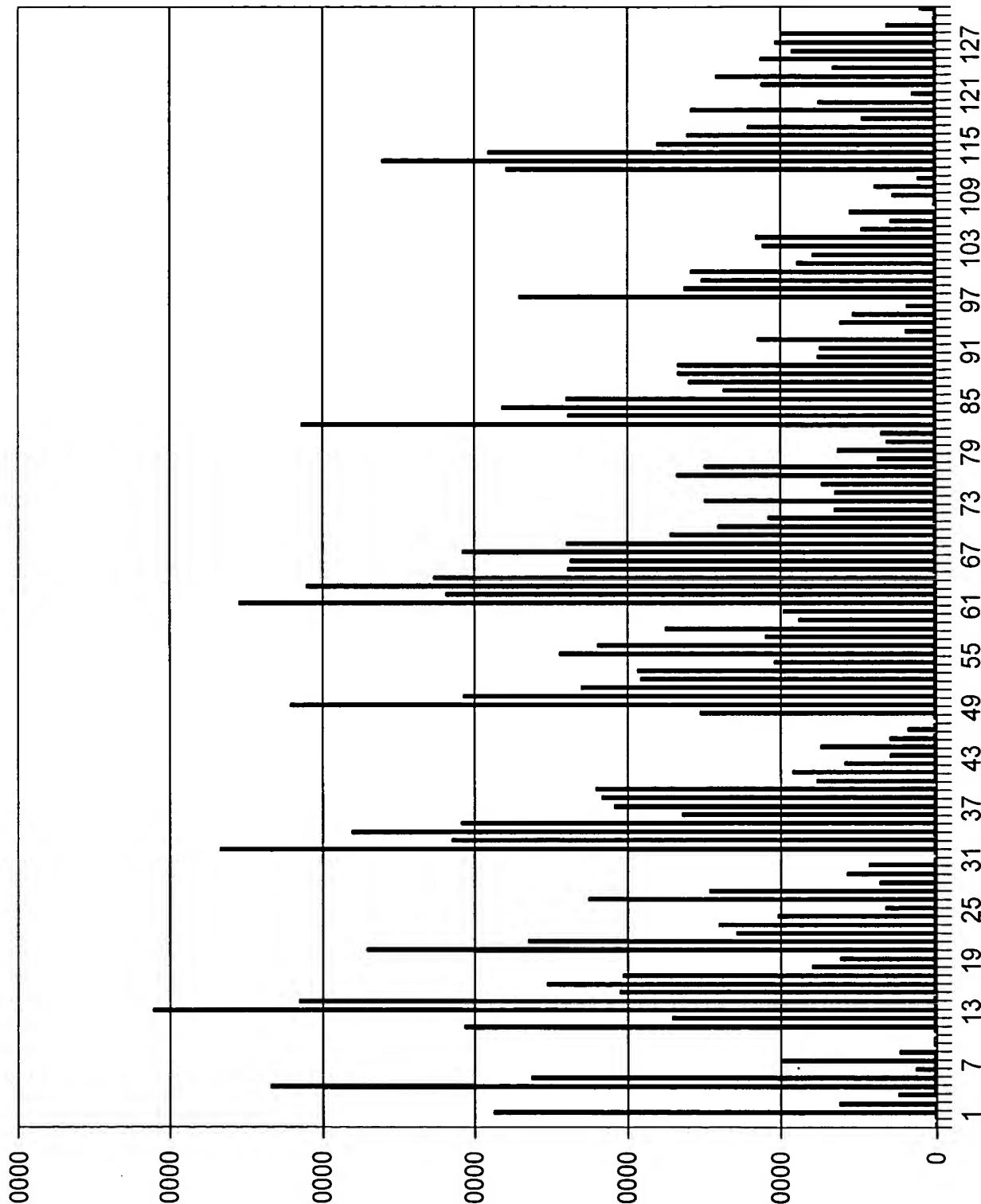


FIG.17

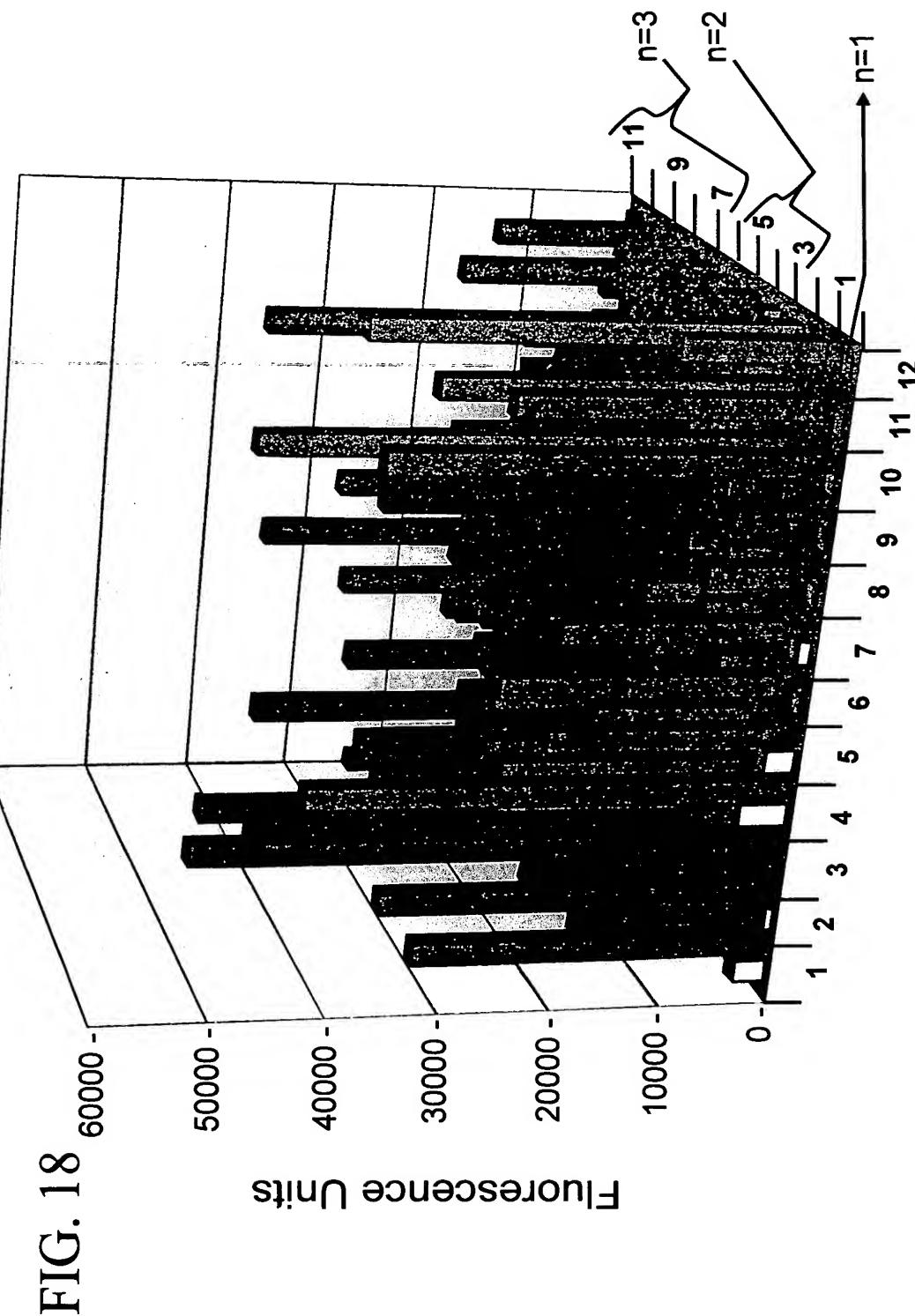
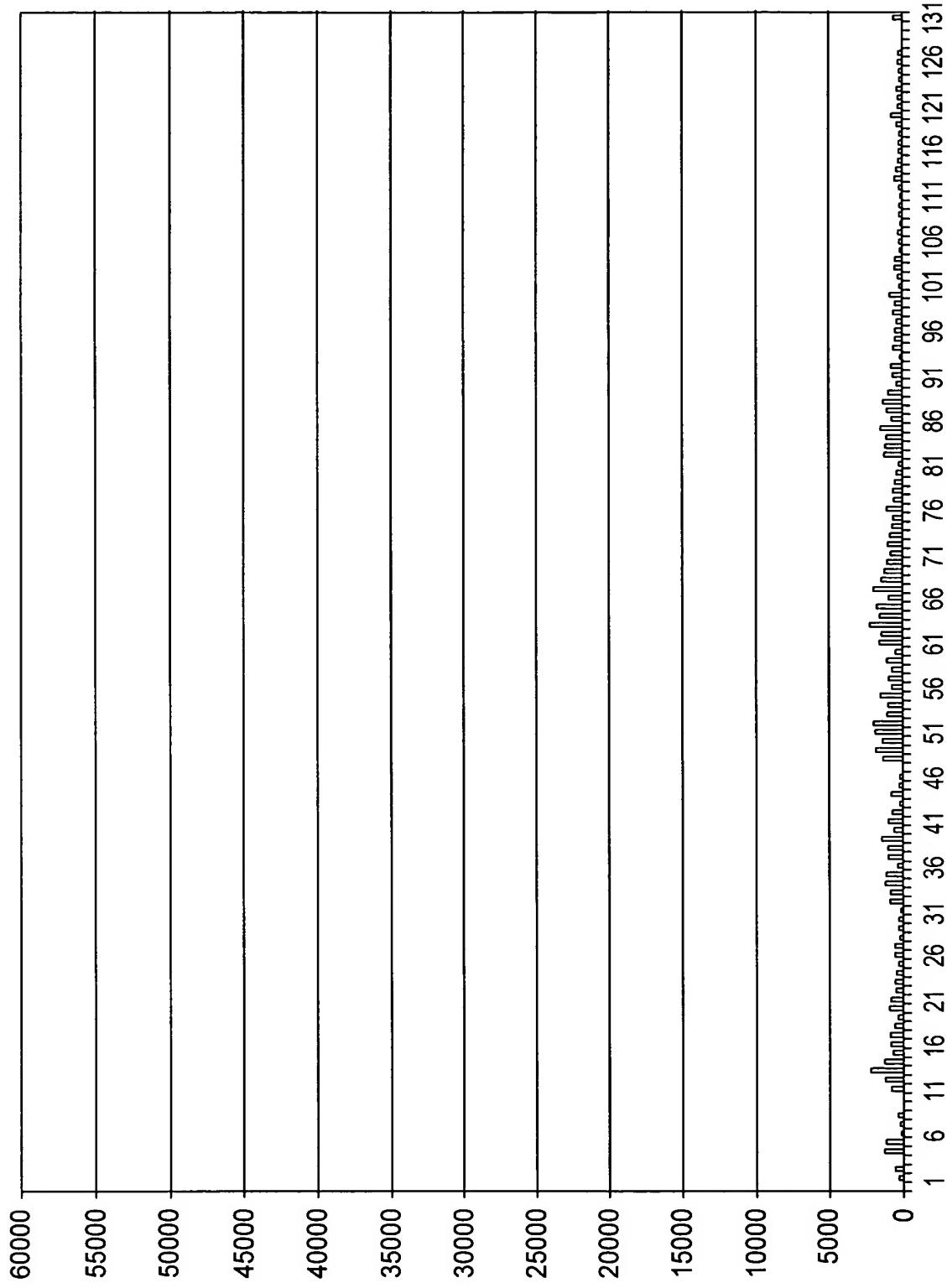
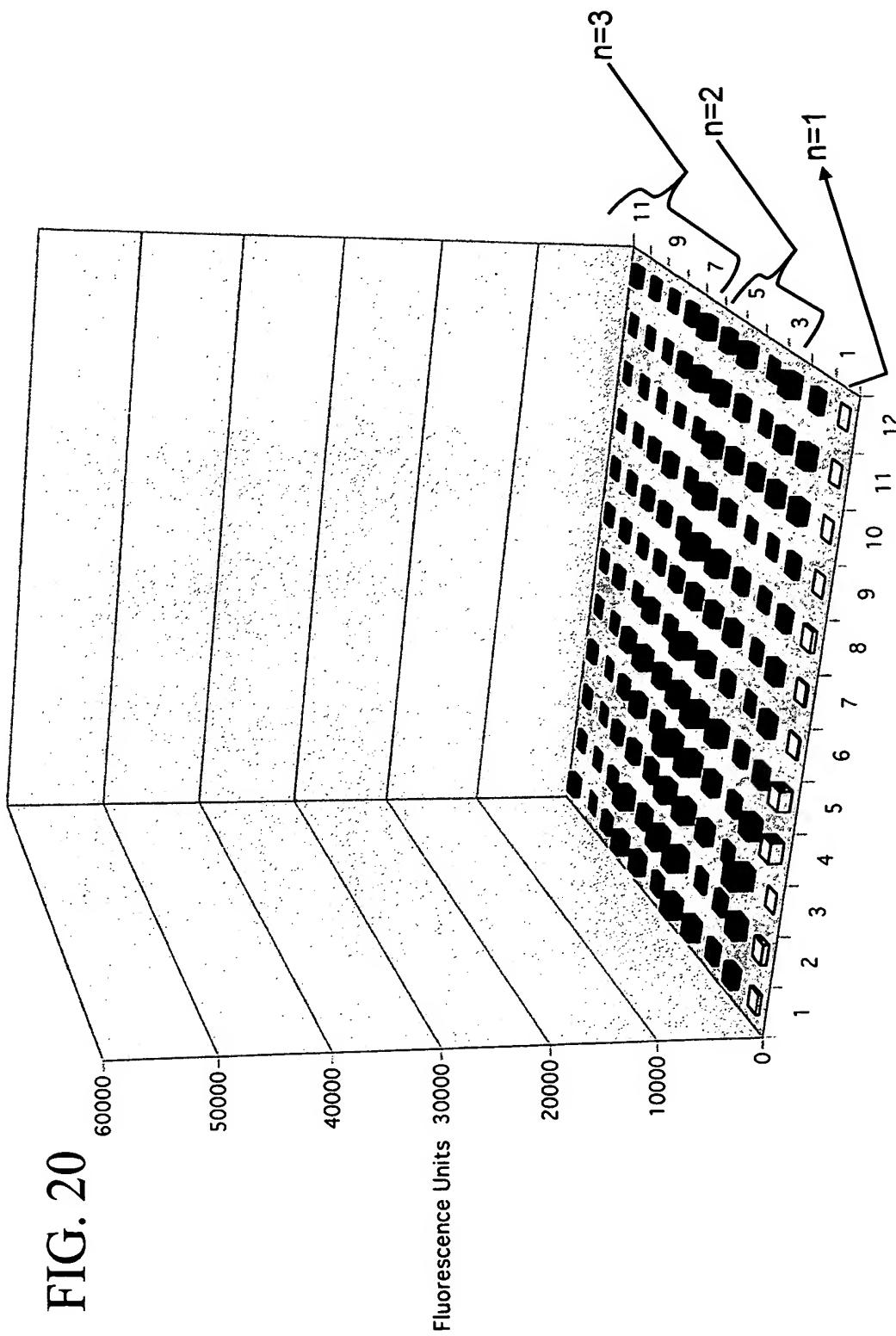


FIG.19





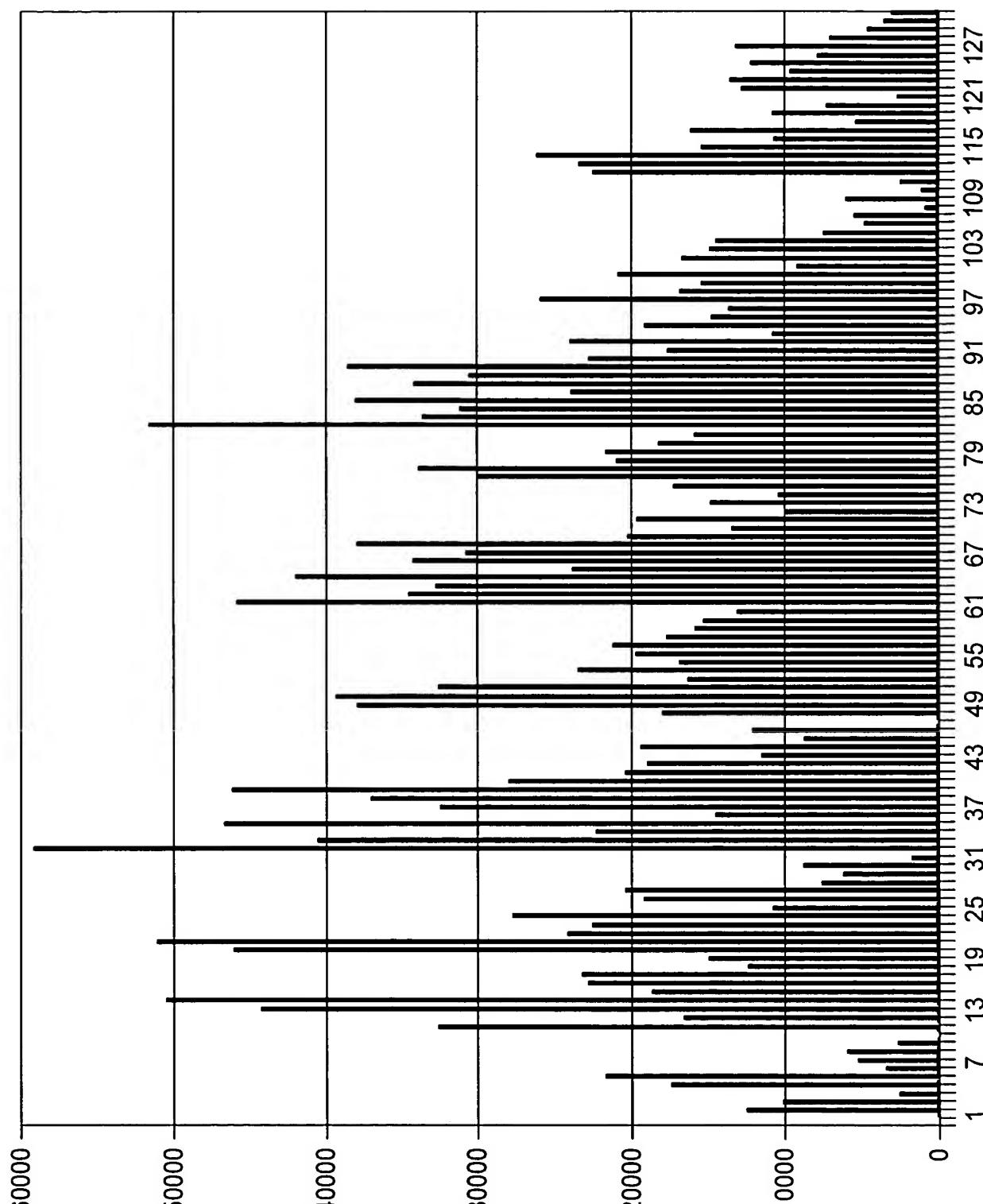
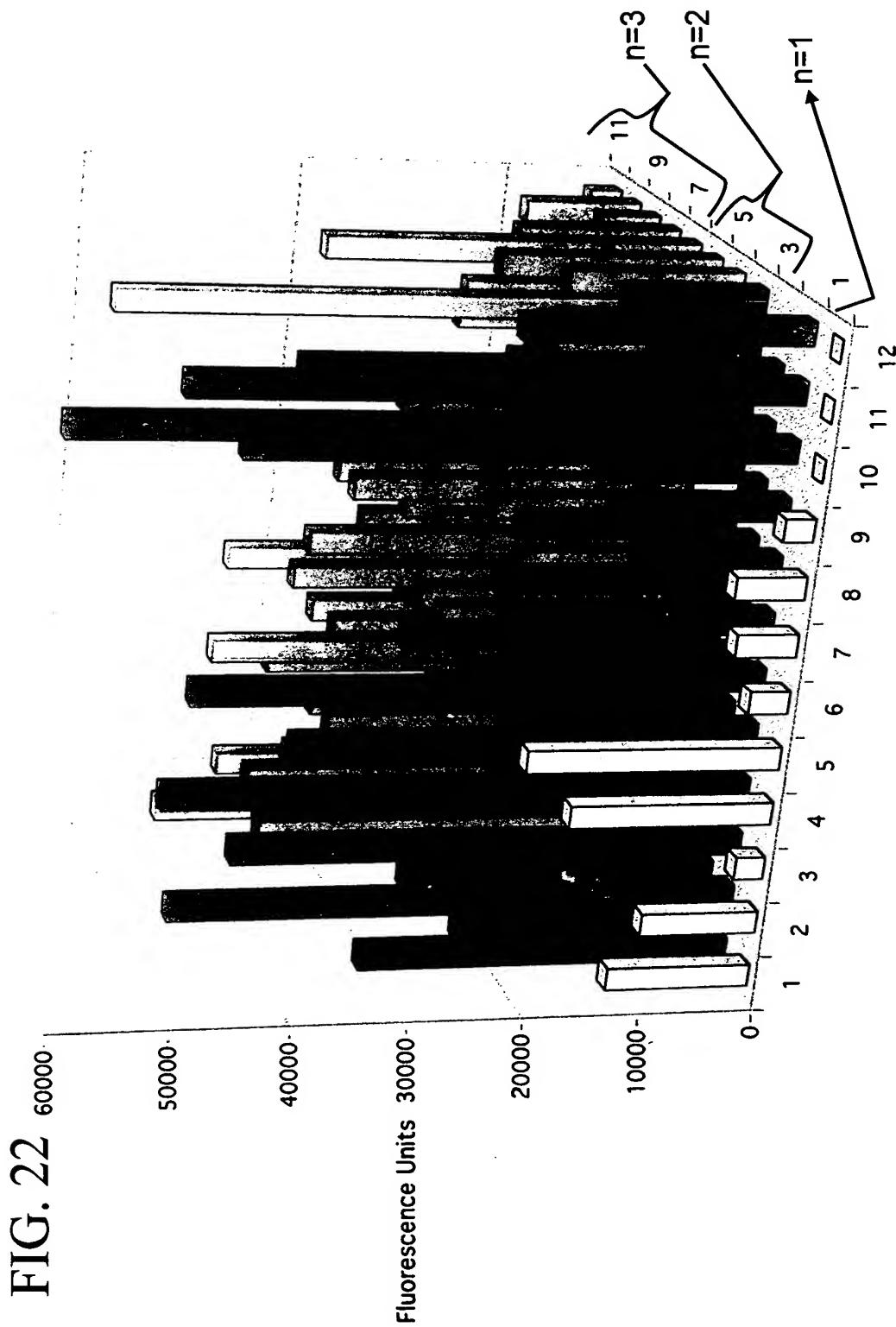


FIG.21



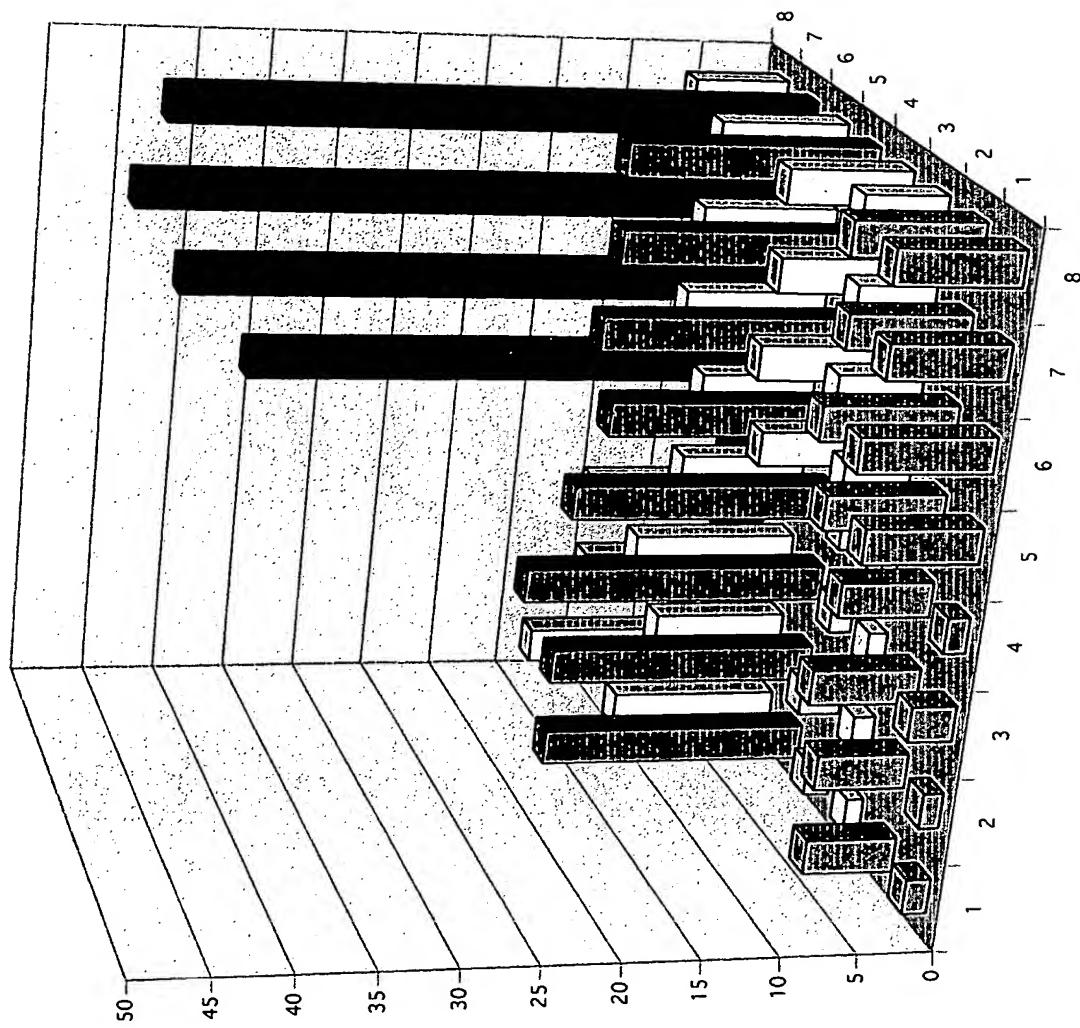


FIG. 23

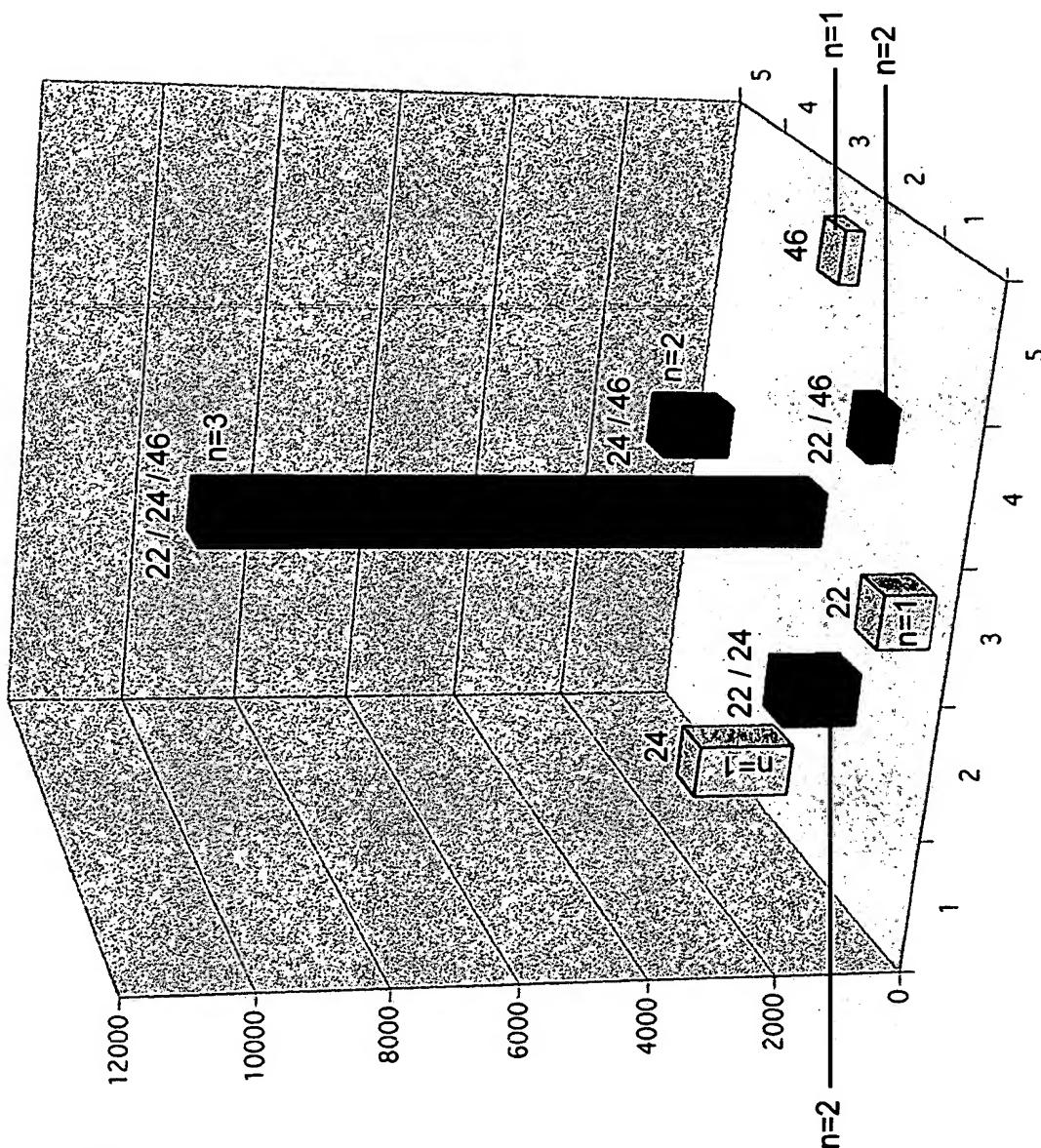
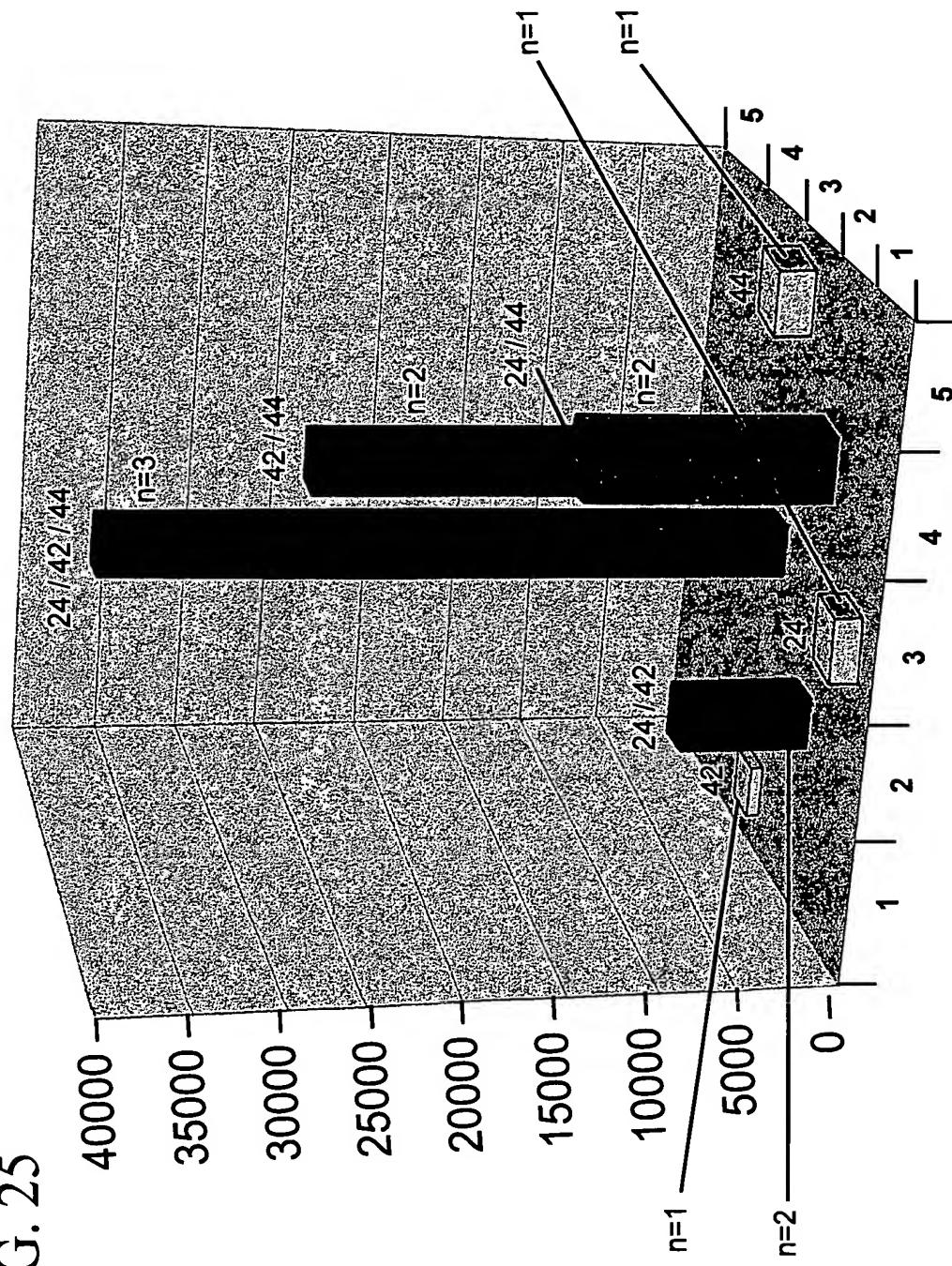


FIG. 24

FIG. 25



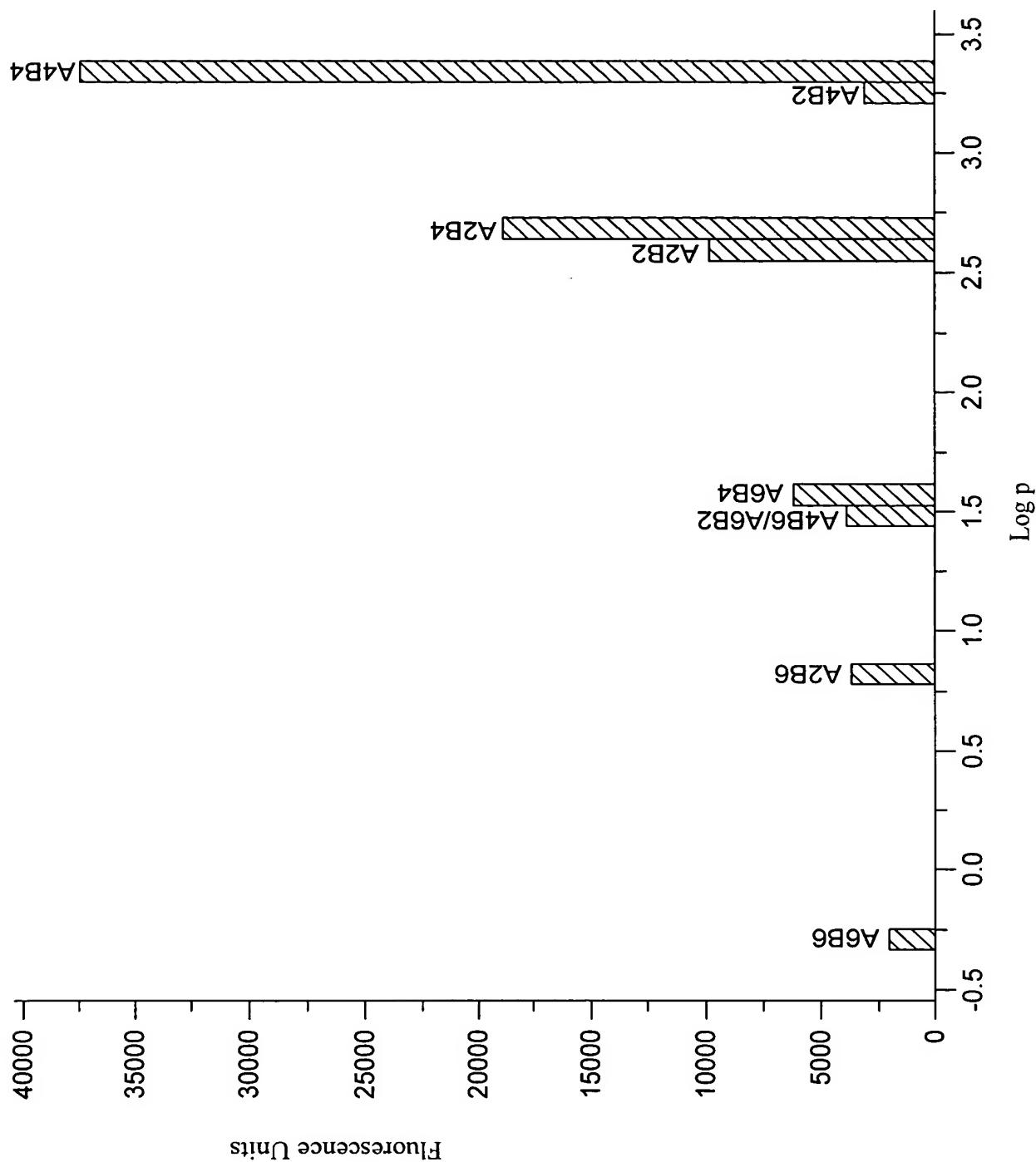
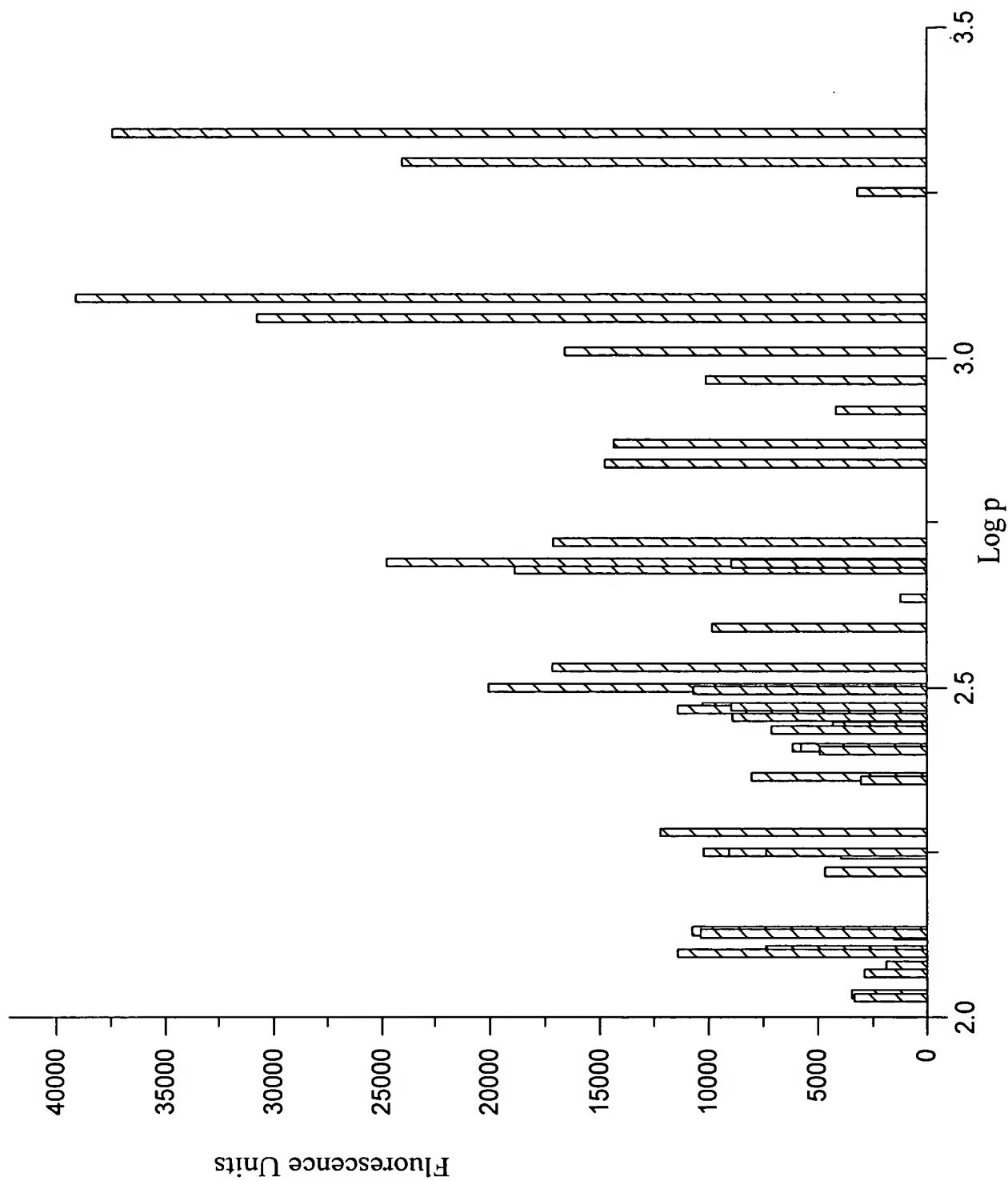


FIG.26



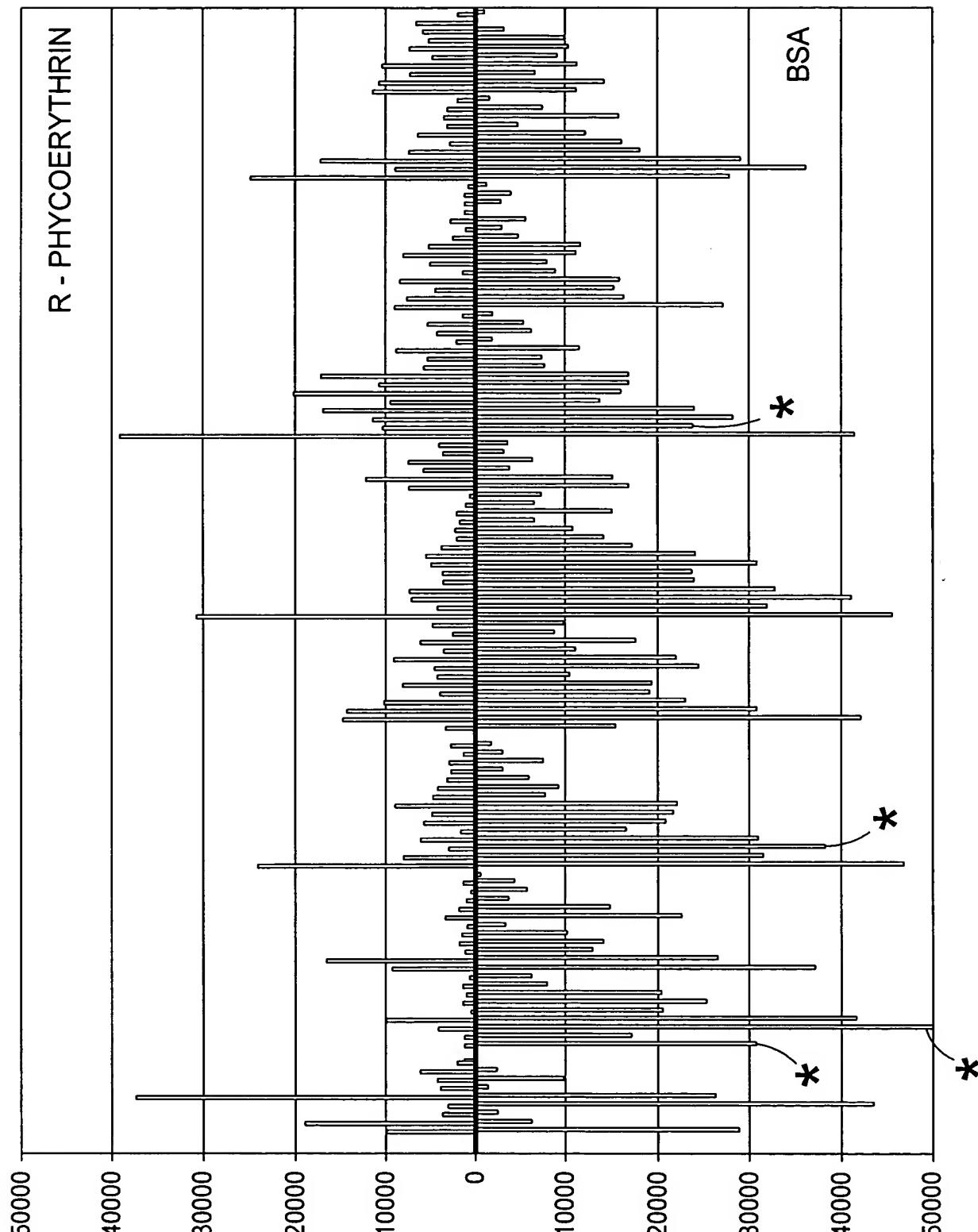
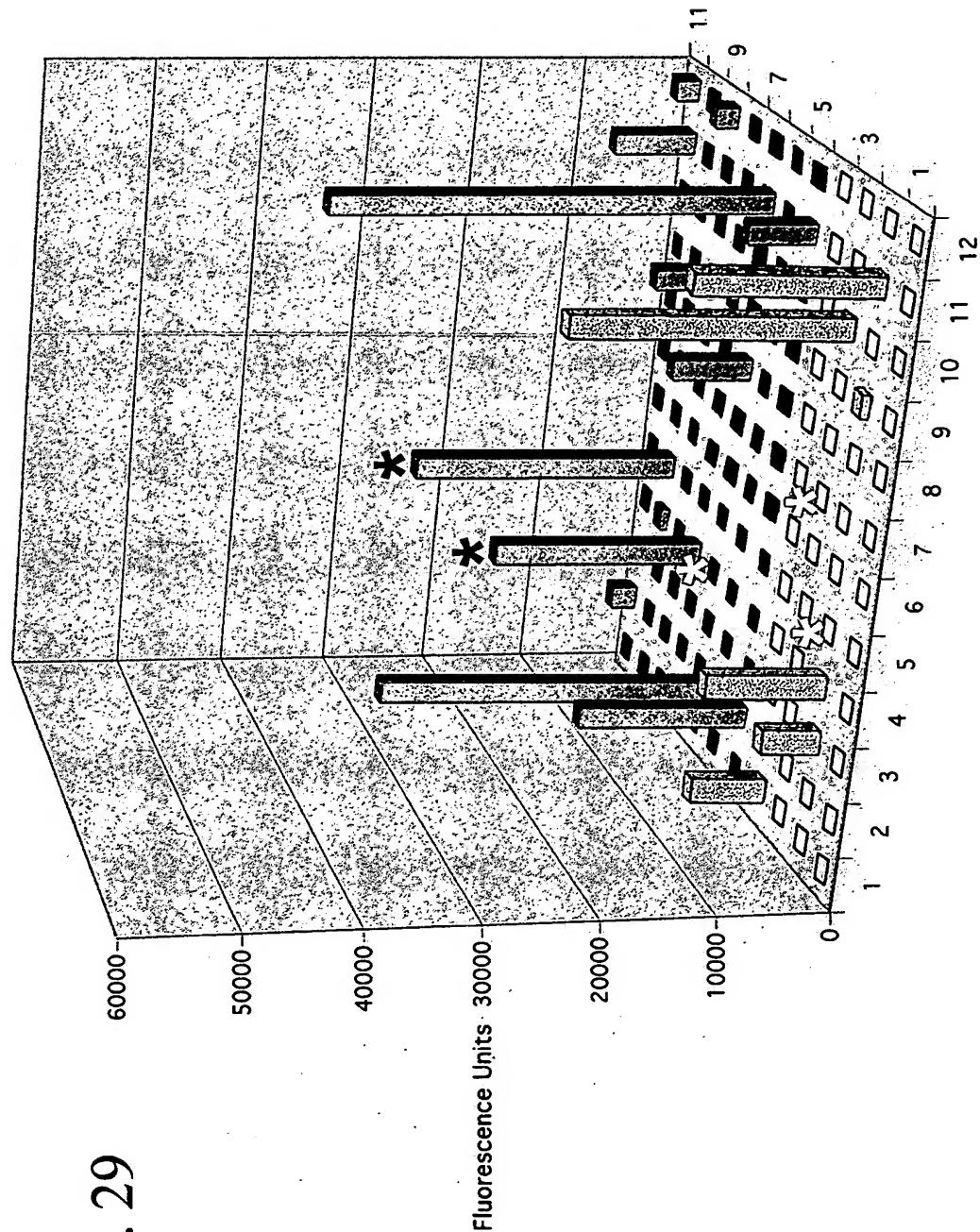


FIG.28



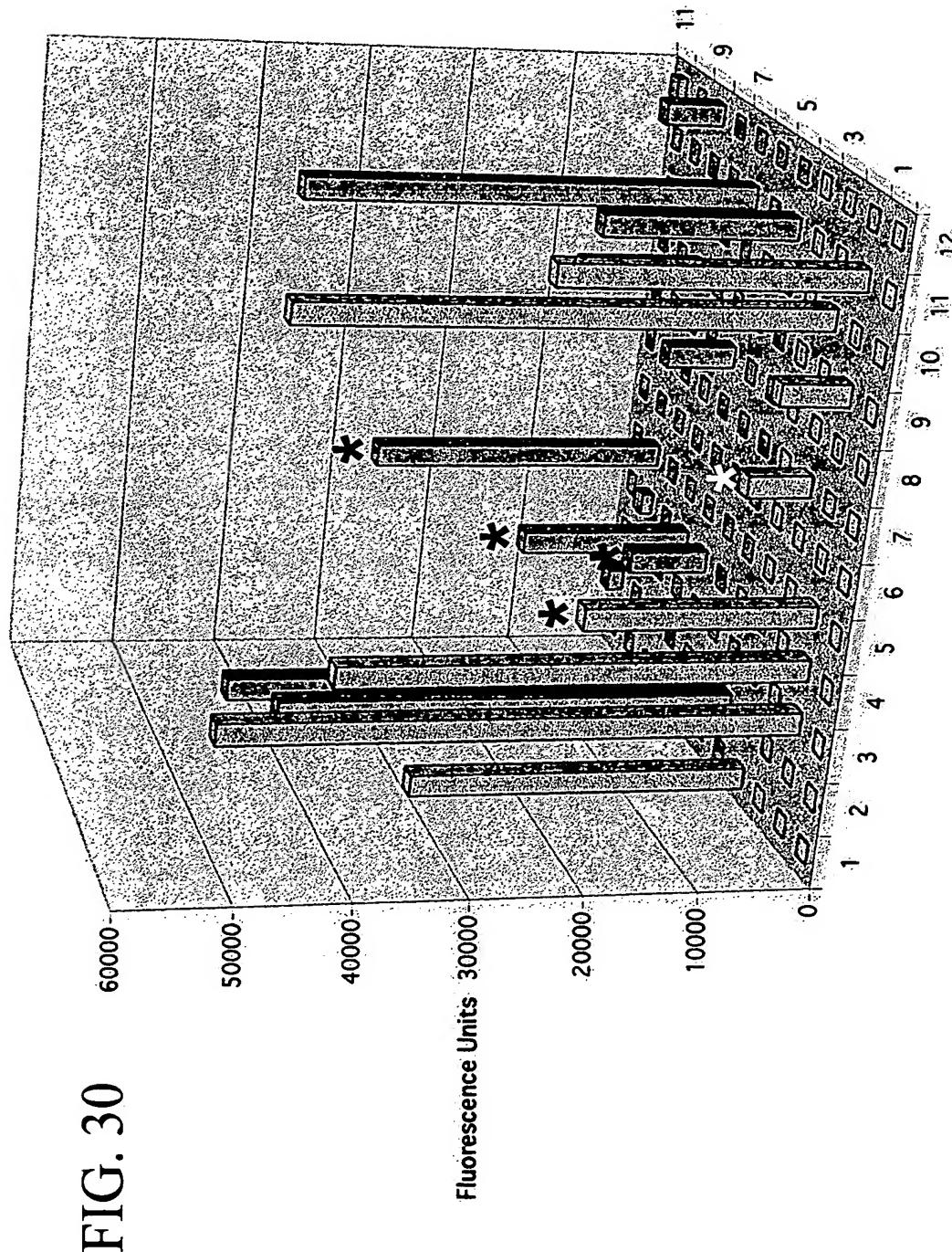
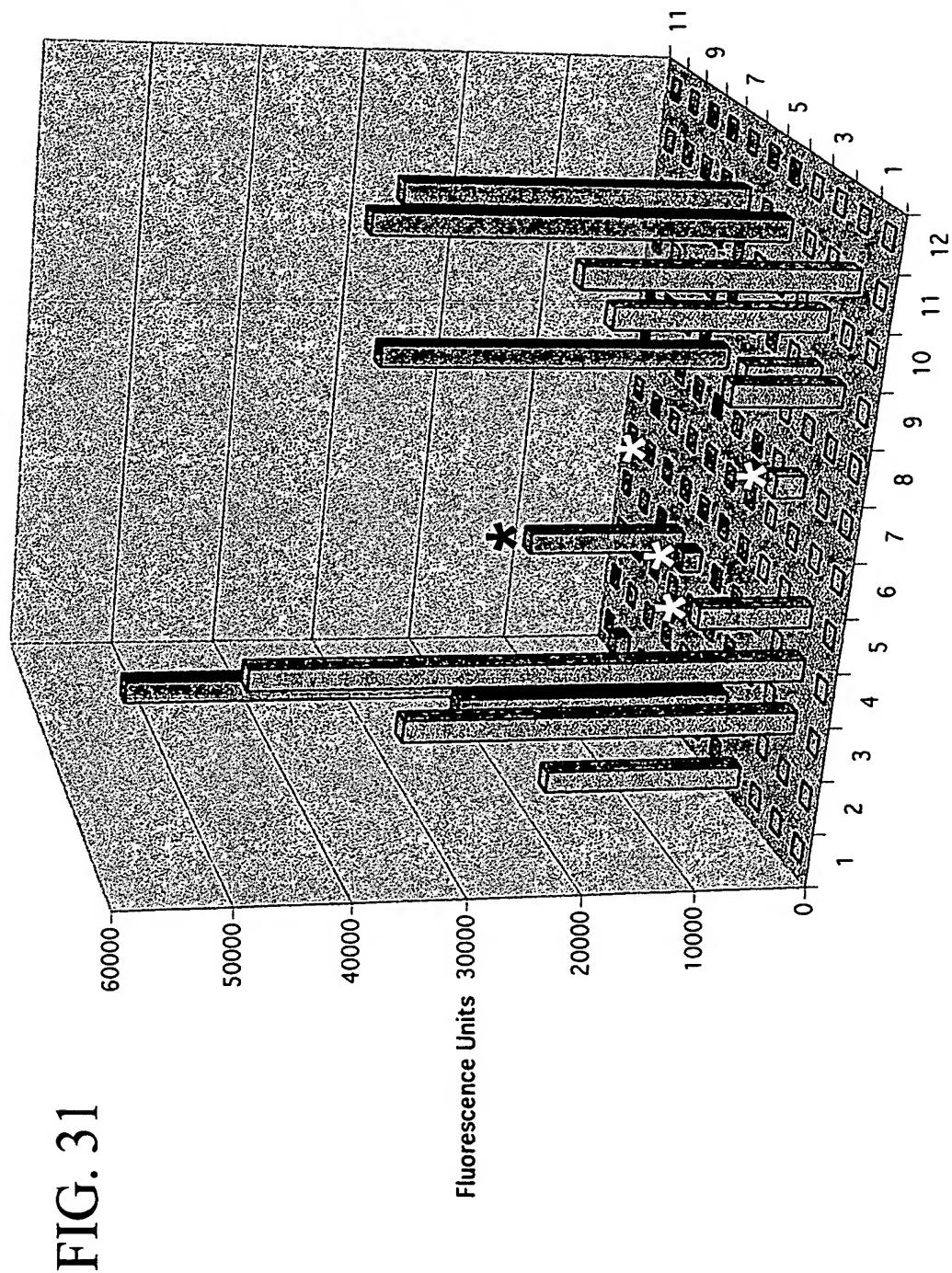


FIG. 30



}

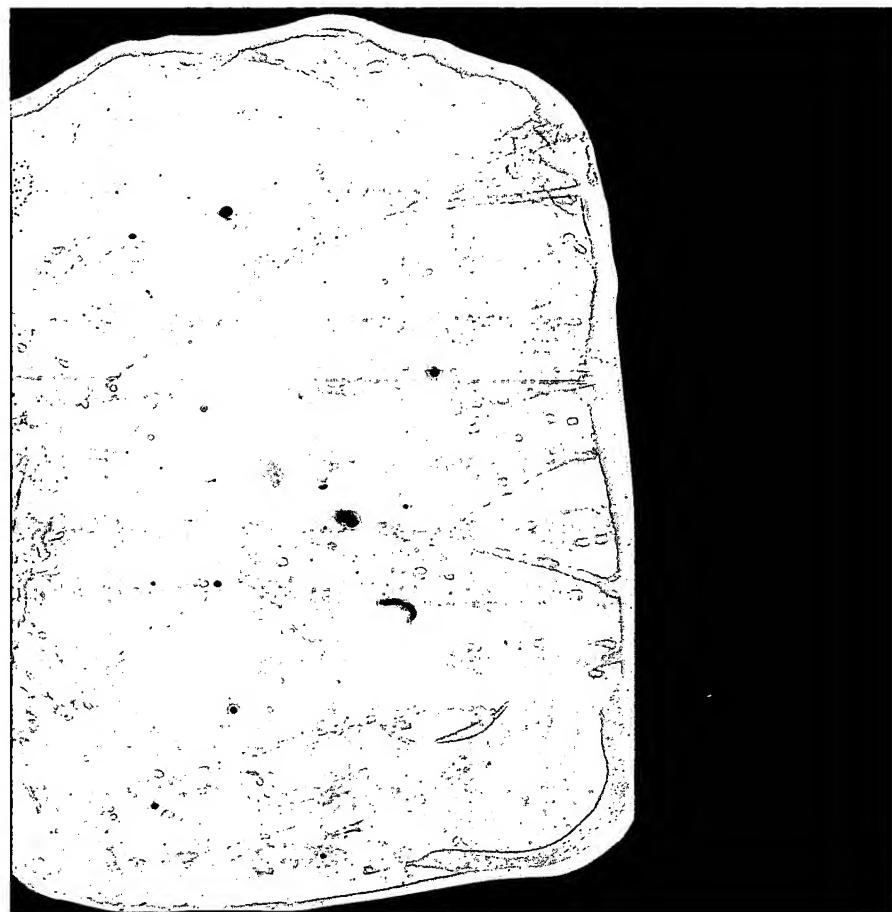


FIG. 32

Origin = 4, 0 pixels
(0.04, 0 mm)
Size = 2180 x 1368 pixels
(21.8 x 13.68 mm)
Scaling = 10 μ m/pixel
Scanner = GenePix 4100A 01 [92896]
No averaging.
PMT Gain = 600
Laser Power = 100%
Normalization Factor = 1
Filter = 670DF40
Focus Position = 0

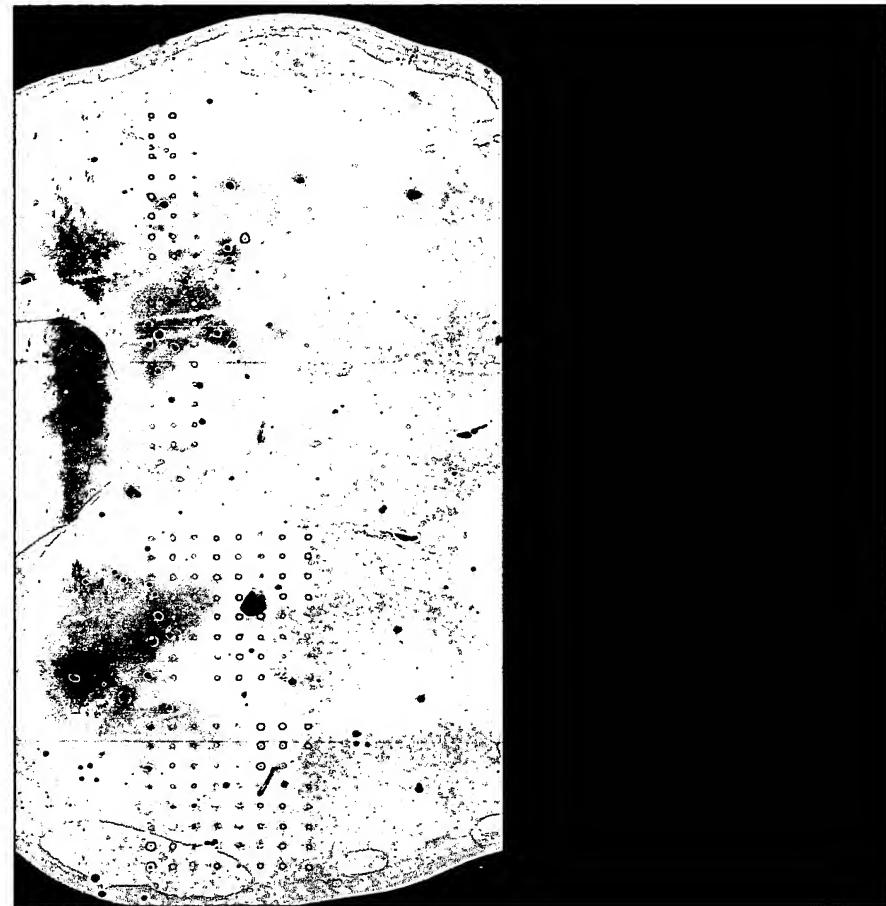


FIG. 33

Origin = 4, 0 pixels
(0.04, 0 mm)
Size = 2180 x 1068 pixels
(21.8 x 10.68 mm)
Scaling = 10 μ m/pixel
Scanner = GenePix 4100A 01 [92896]
No averaging.
PMT Gain = 600
Laser Power = 100%
Normalization Factor = 1
Filter = 670DF40
Focus Position = 0

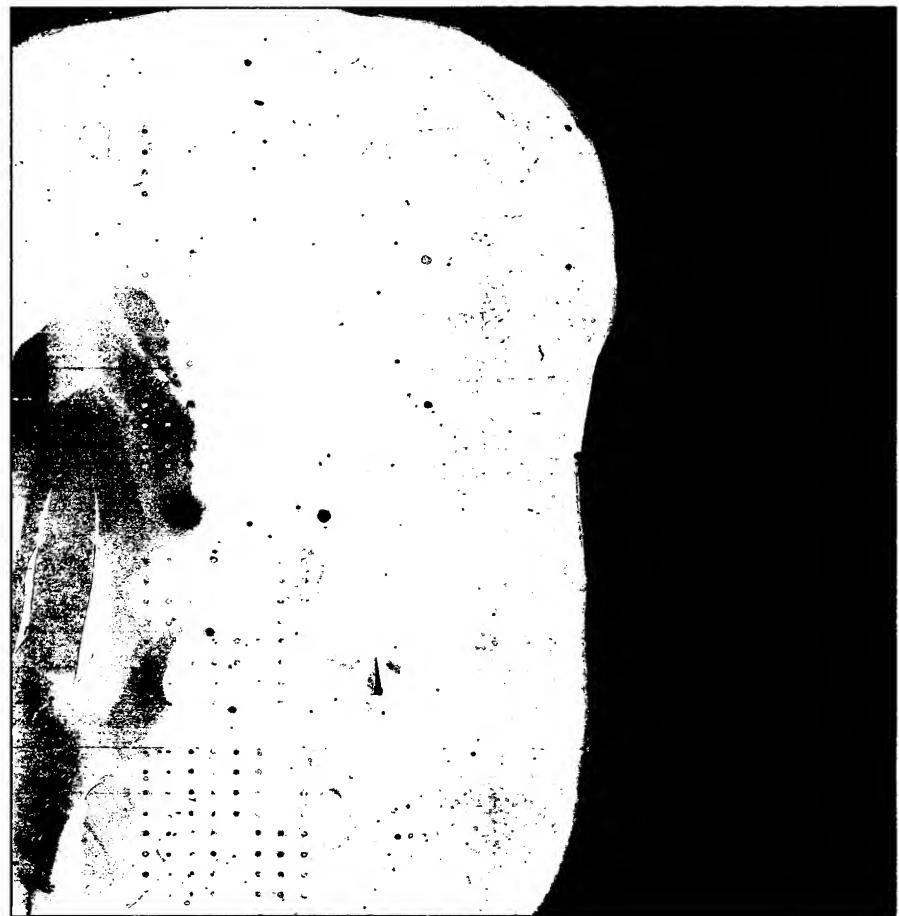


FIG. 34

Origin = 4, 0 pixels
(0.04, 0 mm)
Size = 2180 x 1368 pixels
(21.8 x 13.68 mm)
Scaling = 10 μ m/pixel
Scanner = GenePix 4100A 01 [92896]
No averaging.
PMT Gain = 600
Laser Power = 100%
Normalization Factor = 1
Filter = 670DF40
Focus Position = 0

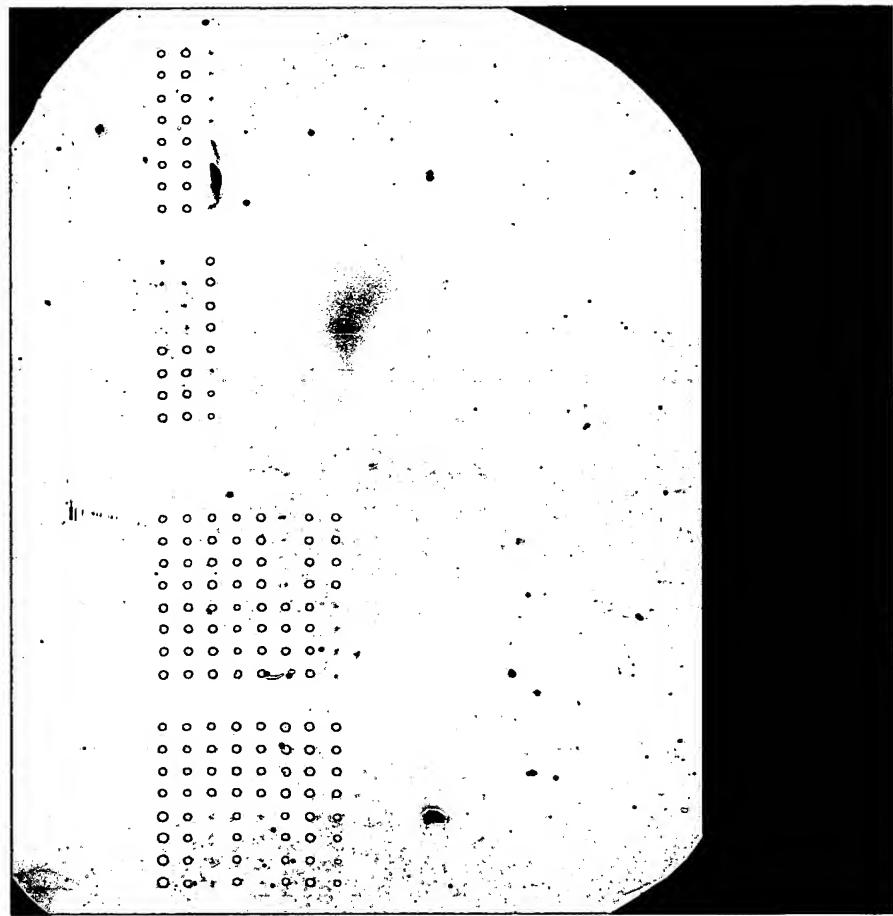


FIG. 35

Origin = 4, 0 pixels
(0.04, 0 mm)
Size = 2180 x 1368 pixels
(21.8 x 13.68 mm)
Scaling = 10 μ m/pixel
Scanner = GenePix 4100A 01 [92896]
No averaging.
PMT Gain = 560
Laser Power = 100%
Normalization Factor = 1
Filter = 670DF40
Focus Position = 0

FIG.36

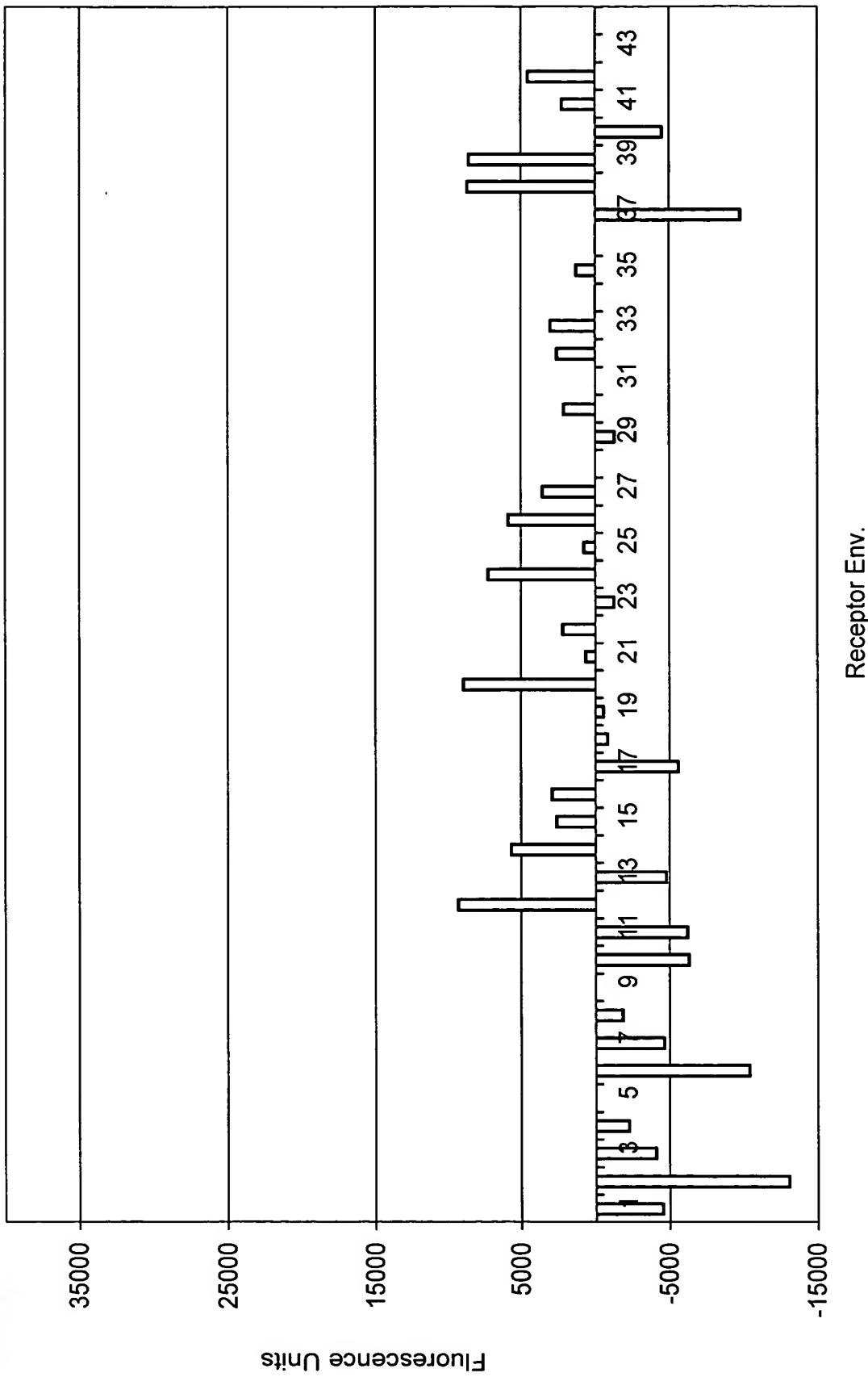


FIG.37

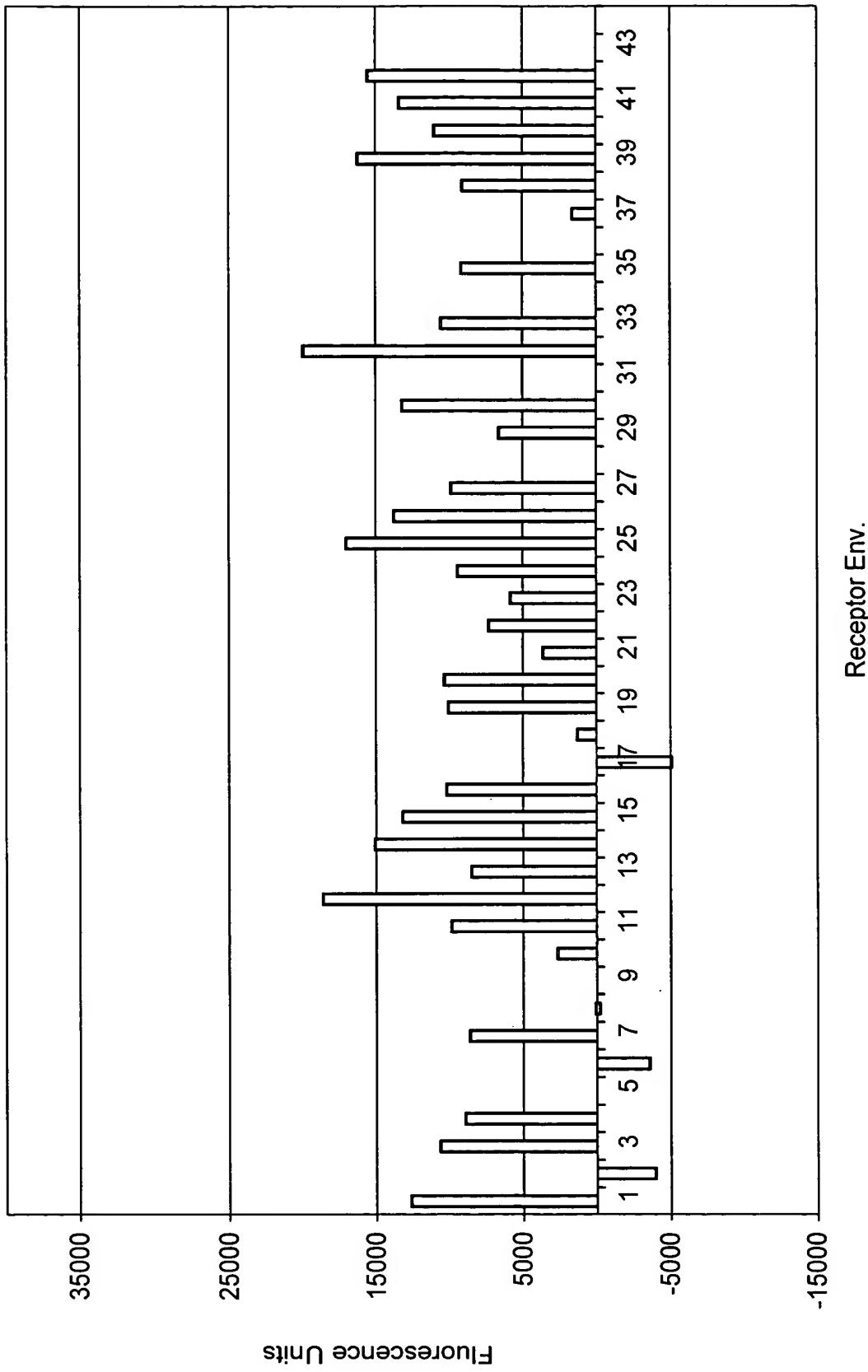


FIG.38

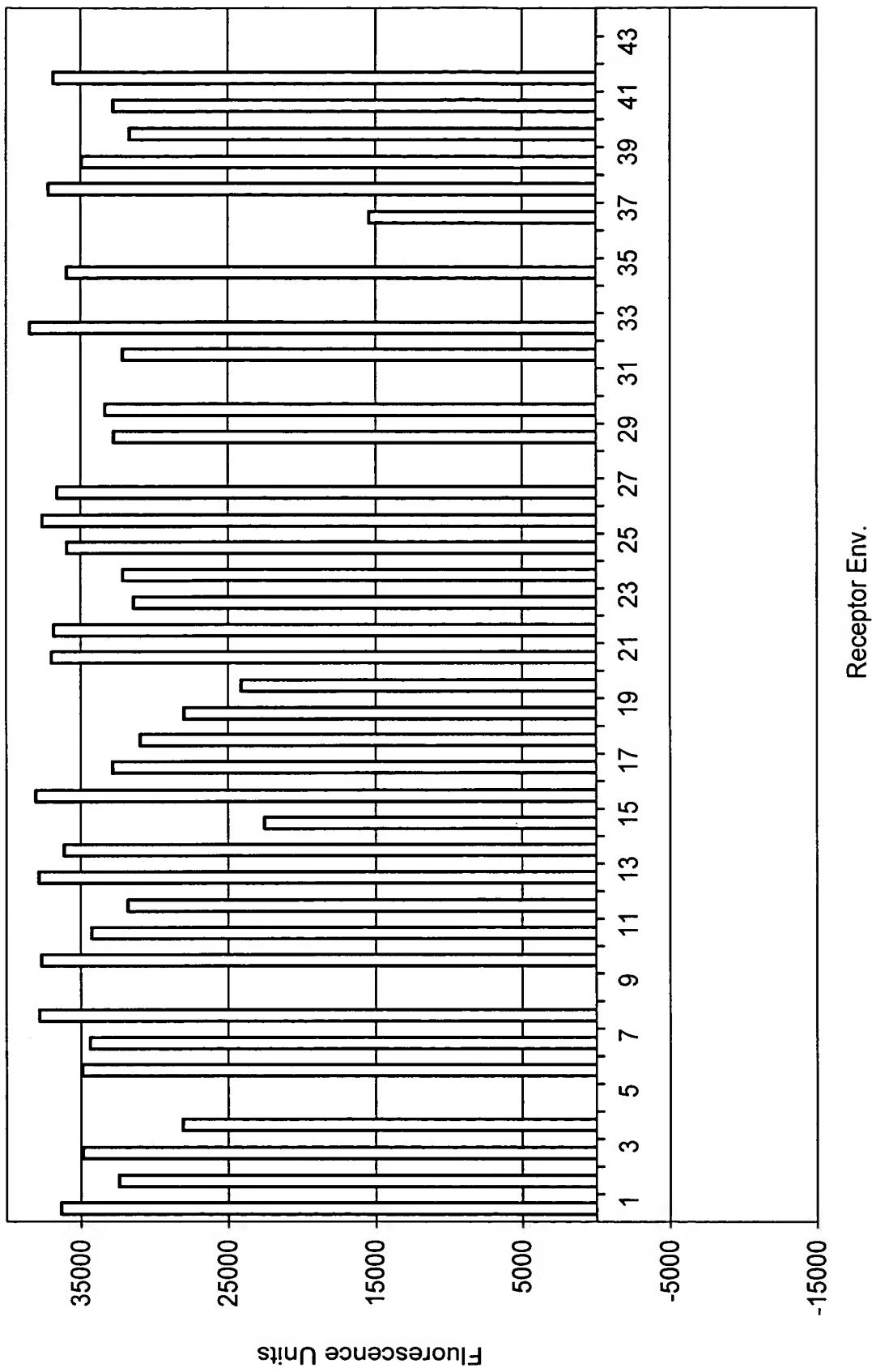
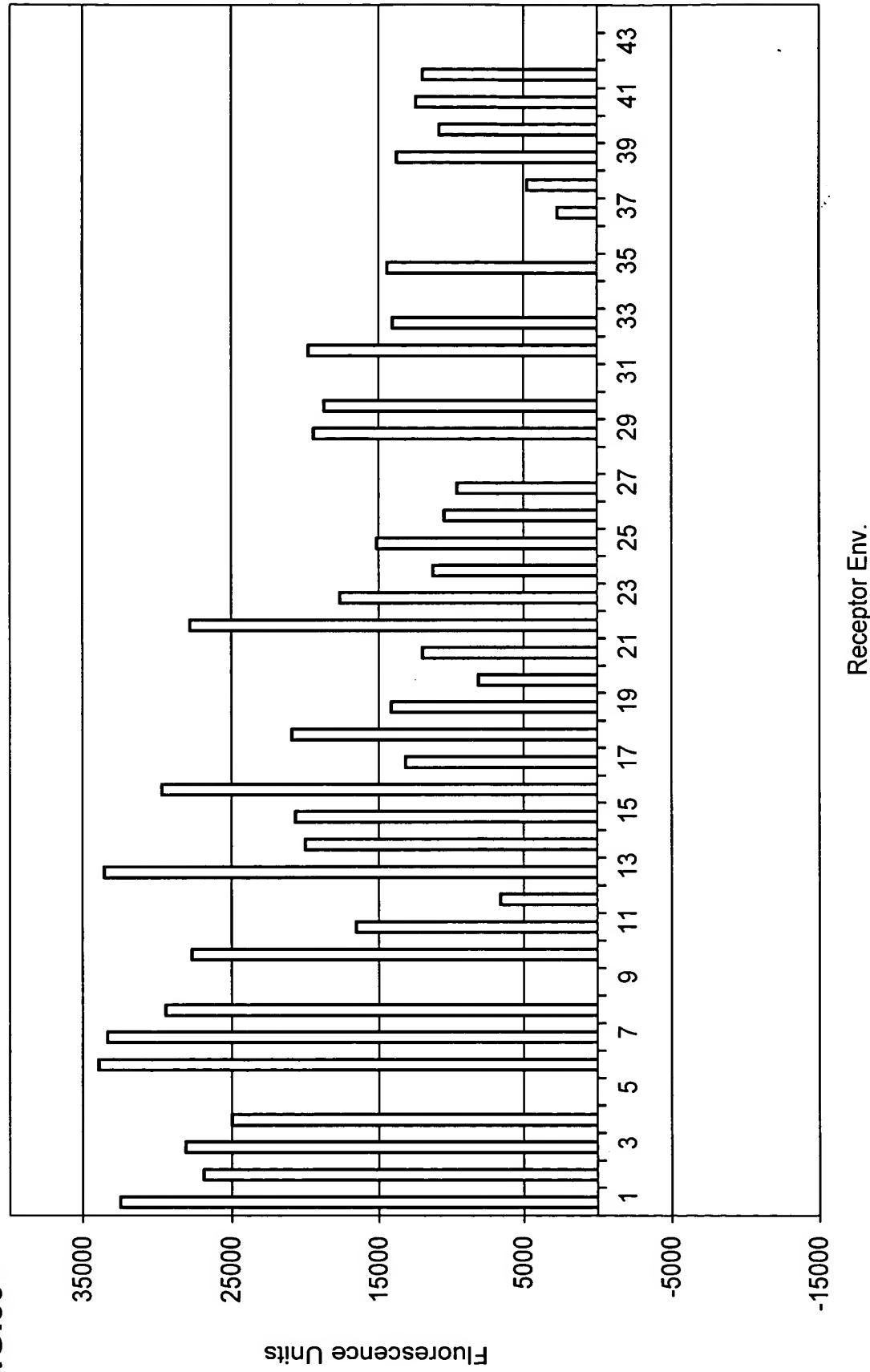


FIG.39



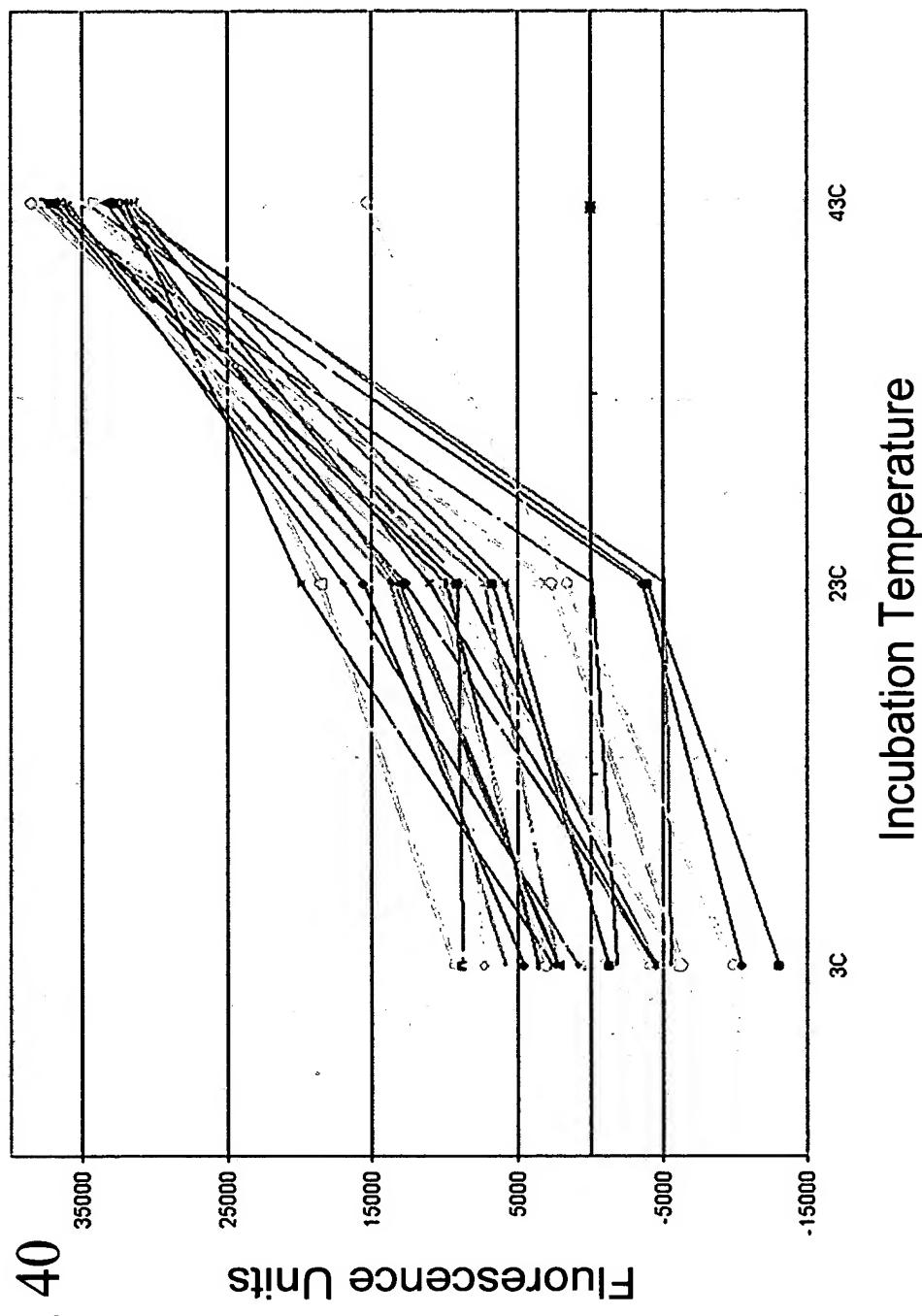


FIG. 40

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